Catalogo 2013

nel segno del fuoco

# Nuovo sito Apros online

**Siamo lieti di presentare il nuovissimo sito di Apros, in linea dal 20 Dicembre 2011, ricco di aggiornamenti e attraverso il quale riuscirete ad interagire direttamente con l'azienda.**

# New Apros Web Site online

**We are pleased to introduce the new website of APROS, online since 20th December 2011, full of updates, and through which you will be able to interact directly with the company.**

**Nel nostro sito troverete:**

- Tutte le linee di prodotti, complete di foto, descrizioni e disegni tecnici.
- Certificazioni di prodotto.
- Le varie linee di accessori nella sezione "design".
- Tutte le novità.
- Configuratore con il quale sarà possibile dimensionare le canne fumarie ed effettuare ordini on line, controllandone lo stato di avanzamento.

Vi invitiamo a registrarvi nel nostro configuratore.
Buon lavoro!

***In our web site you will find:***

- *All product lines, with photos, descriptions and technical drawings.*
- *Product certifications.*
- *The different ranges of accessories inside the section "design".*
- *All news.*
- *Configurator where you can calculate the flues chimneys and you can place orders online, by checking the progress.*

*We invite you to register in our configurator.*
*Good job!*

# Nouveau Site Web Apros

**Nous avons le plaisir de vous présenter le nouveau site de Apros, qui est en ligne du 20 Décembre 2011: il est très riche de mises à jour et à travers cet instrument vous avez la possibilité d'interagir directement avec l'entreprise.**

**www.apros.it**

***Dans le site vous trouverez:***

- *Toutes les gammes des produits, complètes avec les photos, descriptions et dessins techniques.*
- *Les certifications du produit.*
- *Les différentes gammes d'accessoires dedans la section «design».*
- *Toutes les nouveautés.*
- *Le Configurateur, par lequel il est possible dimensionner les cheminées et passer les commandes on line, en vérifiant le progrès.*

**APROS**
Configurator

*Nous vous invitons à vous enregistrer dans le configurateur.*
*Bon travail !*

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APROS

nel segno fuoco

Apros srl è un'azienda giovane, dinamica e vitale nata nel 1997 come quarta realtà del Gruppo Nalon. L'azienda è leader nella produzione di canne fumarie ed accessori per fumisteria.

La produzione principale comprende una vasta gamma di linee di prodotti tra cui: tubi verniciati per stufe a legna sp. 2 mm, tubi verniciati per riscaldamento a pellet sp.1.2 mm, canne fumarie in acciaio inox mono e doppia parete, tubi in rame a doppia parete, nonché pezzi speciali che vengono realizzati in maniera specifica su richiesta del cliente.
Copre un'area di 5.000 mq di cui 3.000 mq di magazzino e 2.000 mq di reparto produttivo.

*Apros srl is a young, dynamic and forward looking company that was set up in 1997 as the fourth member of the Nalon Group. Apros is a leading producer of fume extraction flues and accessories.*

*The company produces a wide range of product lines covering: 2 mm thick, paint finished flues for wood burning stoves; 1.2 mm thick, paint finished flues for pellet fuelled stoves; single and double wall steel flues; double wall copper flues; and special parts made to customer specifications. Apros occupies a total area of 5,000 square meters, divided between 3,000 $m^2$ of warehousing and 2,000 $m^2$ of production plant.*

*Apros srl est une société jeune, dynamique et pleine d'avenir née en 1997 comme quatrième entreprise du Groupe Nalon. Apros est leader dans la production de conduits de fumée et d'accessoires pour la fumisterie.*

*La production principale comprend un large éventail de lignes de produits, parmi lesquels: des tuyaux peints pour poêles à bois de 2 mm d'épaisseur, des tuyaux peints pour chauffage à granulés de 1,2 mm d'épaisseur, des tuyaux en acier simple ou double paroi, des tuyaux en cuivre double paroi, ainsi que des pièces spéciales réalisées de manière spécifique sur demande du client. Elle couvre une surface de 5000 m2 dont 3000 pour le magasin et 2000 pour le service de production.*

L'essere parte di un gruppo più ampio permette una gestione molto flessibile delle varie attività che collaborano attivamente tra loro.
Apros è dotata di un ampio parco macchine di alta tecnologia che comprende, tra le altre, un centro di calandratura ad alta precisione, una saldatura robotizzata al laser e al tig, tre centri di stampaggio, un centro di coibentazione automatico, un taglio plasma e uno a laser, un gruppo di piegatrici e diverse presse eccentriche.
Tutti i manufatti e le intere fasi di produzione di Apros sono certificati secondo la normativa EN 1856-1:2009 e EN 1856-2:2009. A questo proposito il personale che segue l'attività è specializzato e costantemente formato, l'ufficio tecnico utilizza software di ultima generazione ed è sempre al passo con le nuove tecnologie.
Il dipartimento logistica e spedizioni garantisce dei tempi brevi di consegna.
Grande attenzione viene data inoltre per garantire un ottimo servizio di post vendita e assistenza al cliente.

*Being part of a wider group gives Apros great flexibility in the management of its own activities and in its interaction with others.*
*Apros has invested in an extensive park of high-tech plant and machinery including, among others, a high precision rolling centre, a laser and TIG welding robot, three pressing machines, an automatic insulation applicator, one plasma and one laser cutting machine, a pipe bending group and various eccentric presses.*
*All Apros products and all phases of the production process are certified according to EN standards 1856-1:2009 and 1856-2:2009. All production personnel are highly specialized and undergo constant training to ensure continuous compliance with these standards, while the technical department uses the latest generation of software and is kept constantly up to date with new technology.*
*Advanced logistics ensure short delivery times. Apros also puts a great deal of effort into ensuring excellence in its after-sales and technical assistance services.*

*Faire partie d'un vaste groupe permet une gestion très souple des diverses activités qui collaborent activement entre elles.*
*Apros dispose d'un vaste parc machines de haute technologie comprenant, entre autres, un centre de calandrage de haute précision, un îlot de soudage laser et TIG robotisé, trois centres d'emboutissage, un centre de calorifugeage automatique, des installations de coupage plasma et laser, un groupe de cintreuses et diverses presses excentriques.*
*Tous les produits et toutes les phases entières de production d'Apros sont certifiés selon les normes EN 1856-1 :2009 et EN 1856-2 :2009.*
*À ce propos, le personnel qui suit l'activité est spécialisé et constamment formé, et le bureau technique utilise des logiciels de dernière génération afin de toujours rester en phase avec les nouvelles technologies.*
*La logistique garantit de brefs délais de livraison.*
*Une grande attention est apportée pour que soit assuré un excellent service après-vente et d'assistance au client.*

APROS

La rete commerciale è presente capillarmente su tutto il territorio nazionale con un folto gruppo di agenti che, grazie ad una forte esperienza nel settore, seguono con precisione e professionalità la distribuzione dei prodotti. Inoltre, tramite distributori qualificati e verificati, Apros è presente in Europa, e non solo, nei seguenti paesi: Francia, Svizzera, Paesi Bassi, Belgio, Svezia, Danimarca, Irlanda, Slovenia, Portogallo, Spagna, Grecia, Polonia, Ungheria, Lituania, Islanda, Giappone, Regno Unito, Malta, Libano.
L'azienda è dotata dei più moderni sistemi informatici con la possibilità di fare preventivi, acquisti e dimensionamenti online dal sito www.apros.it.

*The company's sales network boasts excellent coverage throughout Italy and uses an extensive group of experienced and specialist agents to ensure efficient and professional product distribution.*
*Apros also has reliable and expert distributors in many European countries, and not only, including France, Switzerland, Holland, Belgium, Sweden, Danmark, Ireland, Slovenia, Portugal, Spain, Greece, Poland, Hungary, Lithuania, Iceland,Japan, United Kingdom, Malta, Lebanon.*
*Apros uses the latest computer systems to enable customers to issue quotations, purchasing orders, and chimney calculations on-line at www.apros.it.*

*Le réseau commercial maille la totalité du territoire national grâce aux nombreux agents qui, forts de leur grande expérience dans ce secteur, suivent avec précision et professionnalisme la distribution des produits.*
*De plus, des distributeurs qualifiés et vérifiés permettent à Apros d'être présent en Europe, et pas seulement, dans les pays suivants: France, Suisse, Pays-Bas, Belgique, Suède, Danemark, Irlande, Slovénie, Portugal, Espagne, Grèce, Pologne, Hongrie, Lituanie, Islande, Japon, Royaume Unit, Malta, Lebanon.*
*L'entreprise, qui est équipée des systèmes informatiques les plus modernes, offre la possibilité de faire devis, achats et dimensionnements en ligne à partir du site www.apros.it.*

# Contatti *Contacts Contacts*

*Ufficio commerciale:* commerciale@apros.it
*Ufficio estero:* export@apros.it
*Ufficio amministrativo:* amministrazione@apros.it
*Ufficio tecnico:* tecnico@apros.it
*Centralino:* centralino@apros.it

*Sales Dept.:* commerciale@apros.it
*Export Dept.:* export@apros.it
*Book-keeping Dept.:* amministazione@apros.it
*Technical Dept.:* tecnico@apros.it
*Call Center:* centralino@apros.it

*Service commercial: commerciale@apros.it*
*Service Export: export@apros.it*
*Information comptable: amministazione@apros.it*
*Bureau d'études: tecnico@apros.it*
*Standard téléphonique:* centralino@apros.it

*I nostri prodotti sono certificati da:*
Our products are certified by:
Nos produits sont certifiés par:

LLETS PELLETS line ligne PELLETS
Y line ligne NOIRE/GRISE

# La soluzione universale per il tetto

# Linea **Unix**

EN 1856-1: 2009
No. 0063-CPD-52976/4

## FLESSIBILITÀ D'INSTALLAZIONE
## *INSTALLATION FLEXIBILITY*
## *FLEXIBILITÉ DANS L'INSTALLATION*

Dotato di un rosone basculante, UNIX è facilmente installabile su tetti con inclinazione da 0° a 30°
*Equipped with an adjustable ring, UNIX is easy to install on roofs with inclination from 0 ° to 30 °*
*Muni d'une rosace orientable, UNIX est facile à installer sur les toits avec une pente de 0 ° à 30 °*

## SICUREZZA CERTIFICATA
## *CERTIFIED SAFETY*
## *SÉCURITÉ CERTIFIÉE*

**UNIX** è un passaggio a tetto universale, costruito per l'installazione di stufe e caminetti, e per la protezione dei tetti in legno. La principale causa di incendio in abitazioni è dovuta alla non corretta installazione: grazie ad UNIX abbiamo una sicurezza certificata nell'installazione con un rapido montaggio (tutti i dettagli saranno illustrati nel manuale di installazione). È sufficiente fare un foro sul soffitto con una fresa, inserire UNIX fissandolo con sei semplici viti. Questo raccordo ci permette di isolare qualsiasi tetto costruito in materiale sensibile (legno) dalle alte temperature. Essendo dotato di un rosone basculante, UNIX è facilmente installabile su tetti con inclinazione da 0° a 30°. **UNIX dispone di Triplo isolamento:** una piccola intercapedine di aria di circa 10 mm nella parte più interna, una coppella di lana di roccia di 50 mm e un'ulteriore intercapedine di aria di circa 20 mm. UNIX è fornito completo di materassino di protezione in fibra Biotex per il rosone. **Materiali:** parete interna in inox 316 L, parete intermedia ed esterna in inox 304 BA; verniciatura siliconica.

**Designazione tecnica:**
T400-N1-D-V2-L50050-G20

Perfetta adattabilità a diversi spessori di tetto
*Perfect fit to various thickness of roof*
*Ajustment parfait aux différents èpaisseurs de toit*

**PERFETTA ADATTABILITÀ**
**PERFECT FIT**
**AJUSTMENT PARFAIT**

*UNIX is a universal shift to roof, built for the installation of stoves and fireplaces, and for the protection of wooden roofs. The main cause of fire in the houses is due to improper installation: thanks to UNIX, we have a certified safety in installation with a quick installation (all details will be explained in the installation manual). It is just necessary to make a hole in the ceiling with a milling cutter, insert UNIX and fix it with six simple screws. This connection allows us to isolate any kind of roof built in sensitive material (wood) from high temperatures. Being equipped with an adjustable ring, UNIX is easy to install on roofs with inclination from 0 ° to 30 °.* ***UNIX has triple isolation:*** *a small air gap of about 10 mm in the inner part, a part of thermal insulation material rock wool of 50 mm and a further air gap of about 20 mm. UNIX is supplied complete with protection blanket in fiber Biotex for the ring.* ***Materials:*** *inner wall in stainless steel 316L, intermediate and outer wall in stainless steel 304 BA; silicone coating.* ***Technical specification:*** *T400-N1-D-V2-L50050-G20*

*UNIX est un traversé universel de toit, conçu pour l'installation de poêles et cheminées, et pour la protection des toitures en bois. La principale cause d'incendie dans les maisons est due à une mauvaise installation: grâce à UNIX, nous avons une sécurité certifiée dans l'installation avec un assemblage rapide (tous les détails seront expliqués dans le manuel d'installation). Il est suffisant de faire un trou dans le plafond avec une fraiseuse, insérer UNIX et le fixer avec six vis simples. Ce raccord nous permet d'isoler n'importe quel toit construit en matériau sensible (bois) à des températures élevées. En étant muni d'une rosace orientable, UNIX est facile à installer sur les toits avec une pente de 0 ° à 30 °.* ***UNIX a un triple isolement:*** *une lame d'air d'environ 10 mm dans la partie intérieure, une partie de matériel isolant thermique laine de roche de 50 mm et une lame d'air supplémentaire d'environ 20 mm. UNIX est livré complet avec un matelas de protection en fibre Biotex pour la rosace.* ***Matériaux:*** *paroi intérieure en acier inox 316L, paroi intermédiaire et extérieure en inox 304 BA; peinture silicone.* ***Désignation technique:*** *T400-N1-D-V2-L50050-G20*

# Passaggio per tetti in legno

*Insulated pass for wodden roofs*

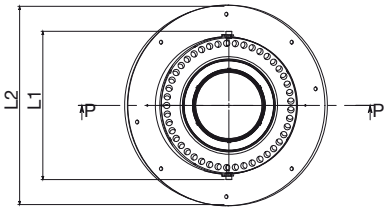
*Traversé isolé pour toiture en bois*

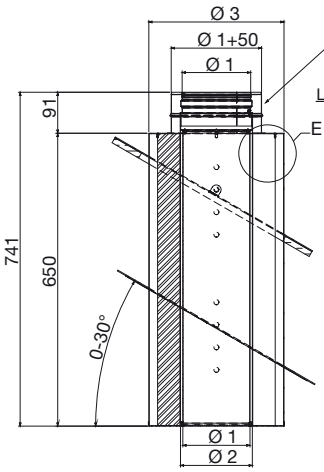
| codice NERO<br>*BLACK code*<br>*code NOIR* | € | Ø1 | Ø2 | Ø3 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|---|
| B080UNIX | 310,05 | 80 | 95 | 235 | 270 | 380 | 440 | 1 |
| B100UNIX | 328,18 | 100 | 115 | 255 | 290 | 395 | 455 | 1 |
| * B120UNIX | 343,46 | 120 | 130.5 | 270 | 305 | 410 | 470 | 1 |
| B130UNIX | 355,70 | 130 | 140.5 | 280 | 315 | 420 | 480 | 1 |
| B150UNIX | 376,68 | 150 | 160.5 | 300 | 335 | 440 | 500 | 1 |
| B180UNIX | 400,82 | 180 | 191 | 330 | 365 | 470 | 530 | 1 |
| B200UNIX | 431,05 | 200 | 211 | 350 | 385 | 490 | 560 | 1 |
| B250UNIX | 486,17 | 250 | 261 | 400 | 435 | 490 | 620 | 1 |

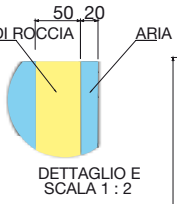
*Per l'articolo B120 UNIX uscita superiore diam. 130/180

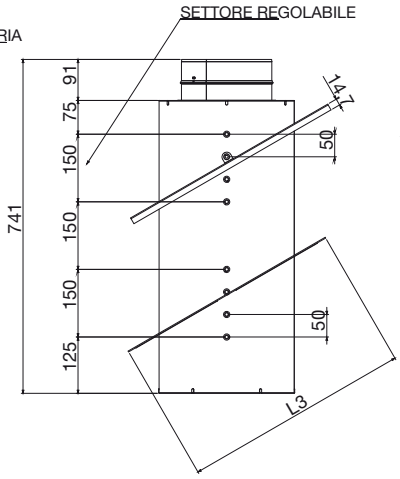
* For item B120 UNIX upper connection diam. 130/180

* Pour l'élément B120 UNIX sortie supériéure diam. 130/180



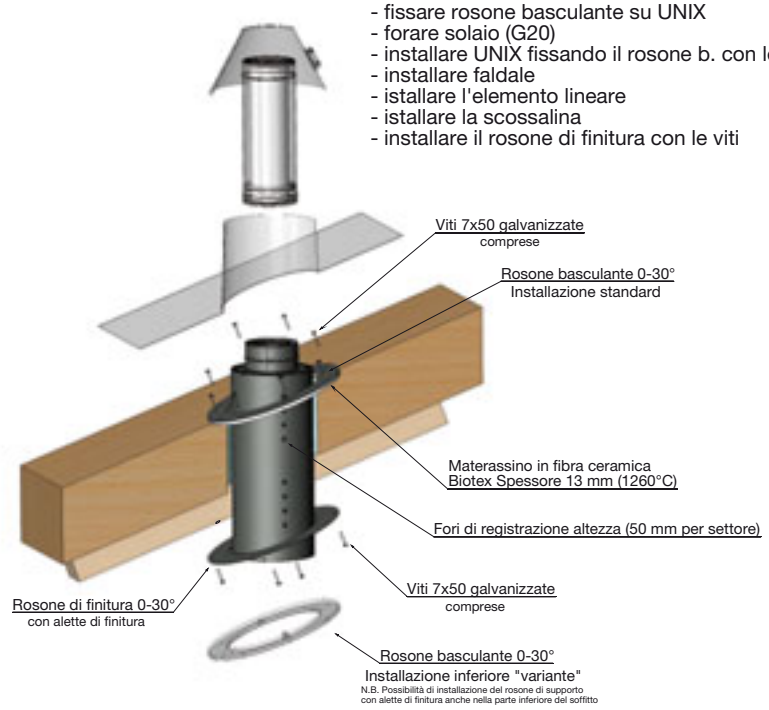



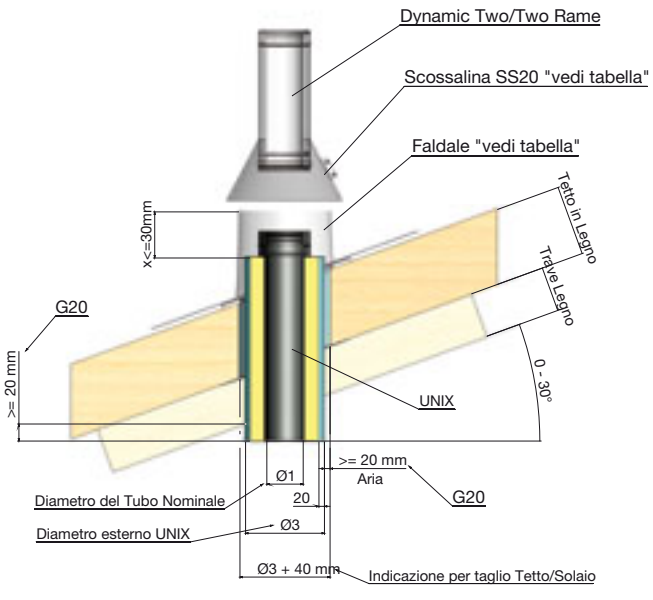




INDICAZIONE:

- fissare rosone basculante su UNIX
- forare solaio (G20)
- installare UNIX fissando il rosone b. con le viti
- installare faldale
- istallare l'elemento lineare
- istallare la scossalina
- installare il rosone di finitura con le viti

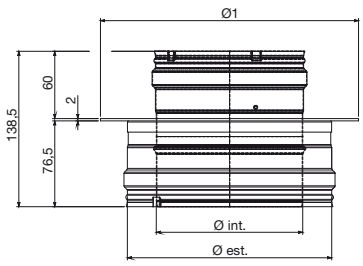

Viti 7x50 galvanizzate
comprese
Rosone basculante 0-30°
Installazione standard
Materassino in fibra ceramica
Biotex Spessore 13 mm (1260°C)
Fori di registrazione altezza (50 mm per settore)
Viti 7x50 galvanizzate
comprese
Rosone di finitura 0-30°
con alette di finitura
Rosone basculante 0-30°
Installazione inferiore "variante"
N.B. Possibilità di installazione del rosone di supporto
con alette di finitura anche nella parte inferiore del soffitto



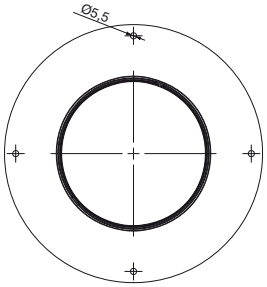
## FACILITÀ D'INSTALLAZIONE
## EASE IN INSTALLATION
## FACILITÉ D'INSTALLATION

## ADTU

# Adattatore per UNIX
*Adaptor for UNIX*
*Adaptateur pour UNIX*




| CODICE | € | ø int | ø est | ø1 |
|---|---|---|---|---|
| K080ADTU | 58,00 | 80 | 130 | 185 |
| K100ADTU | 60,00 | 100 | 150 | 200 |
| K130ADTU | 71,00 | 130 | 180 | 230 |
| K150ADTU | 82,00 | 150 | 200 | 260 |
| K180ADTU | 90,00 | 180 | 230 | 285 |
| K200ADTU | 98,00 | 200 | 250 | 305 |
| K250ADTU | 110,00 | 250 | 300 | 350 |




| CODICE | € | ø int | ø est | ø1 |
|---|---|---|---|---|
| R080ADTU | 79,00 | 80 | 130 | 185 |
| R100ADTU | 81,00 | 100 | 150 | 200 |
| R130ADTU | 96,00 | 130 | 180 | 230 |
| R150ADTU | 111,00 | 150 | 200 | 260 |
| R180ADTU | 122,00 | 180 | 230 | 285 |
| R200ADTU | 133,00 | 200 | 250 | 305 |
| R250ADTU | 149,00 | 250 | 300 | 350 |

ADTU è necessario nel caso in cui si voglia collegare alla parte inferiore di UNIX un elemento doppia parete
ADTU is necessary when we connect a double wall element to the lower part of UNIX
ADTU est nécessaire quand on vent connecter un élément double paroi à la partie inferieure de UNIX

## FP23/FP24
## FI20/FI21/FI30

# Faldale
*Flashing*
*Solin*

### FP23/FP24
Dynamic One p.118
Dynamic Two p.154
Dynamic Two Rame p.190
Dynamic Two colore nero p.216
Dynamic Two colore rame p.242

### FI20/FI21
Dynamic One p.119
Dynamic Two p.155
Dynamic Two Rame p.191
Dynamic Two colore nero p.217
Dynamic Two colore rame p.243

### FI30
Dynamic One p.120
Dynamic Two p.156
Dynamic Two Rame p.192
Dynamic Two colore nero p.218
Dynamic Two colore rame p.244

| UNIX | scossalina SS20 ø<br>*collar SS20 ø*<br>*collerette de solin SS20 ø* | faldale ø<br>*flashing ø*<br>*solin ø* |
|---|---|---|
| B080UNIX | 130 | 230 |
| B100UNIX | 150 | 250 |
| B120UNIX<br>B130UNIX | 180 | 300 |
| B150UNIX | 200 | 300 |
| B180UNIX | 230 | 350 |
| B200UNIX | 250 | 350 |
| B250UNIX | 300 | 400 |

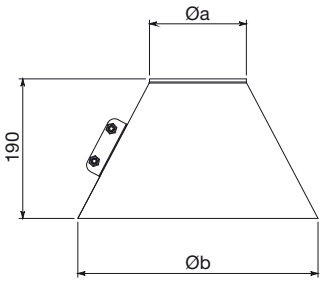
**Tabella schematica per scossalina e faldale per accoppiamento con UNIX**
***Schematic table of collar and flashing for coupling with UNIX***
***Tableau schématique de collerette et solin pour couplage avec UNIX***

**SS20** e **Faldale** sono forniti a parte.
**SS20** and **Flashing** are supplied aside.
**SS20** et **Solin** sont fournis à côté.

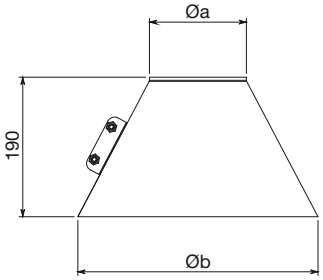
Per inclinazioni da 17,5° a 30° si consiglia di rifilare il faldale.
For inclinations from 17,5° up to 30° we advise to trim the flashing.
Pour inclinations de 17,5° à 30° nous sugerons de tailler le solin.

# SS20

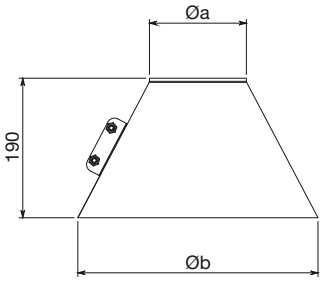
## Scossalina
*Collar*
*Collerette de solin*



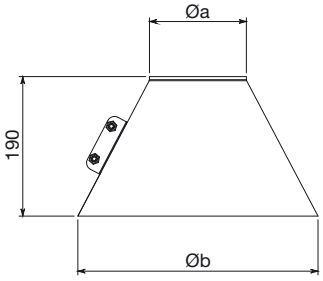

| ACCIAIO | € | øa | øb |
|---|---|---|---|
| J130SS20 | € 29,91 | 130 | 330 |
| J150SS20 | € 30,63 | 150 | 350 |
| J180SS20 | € 36,09 | 180 | 410 |
| J200SS20 | € 40,20 | 200 | 410 |
| J230SS20 | € 48,36 | 230 | 460 |
| J250SS20 | € 47,79 | 250 | 460 |
| J300SS20 | € 53,82 | 300 | 500 |




| RAME | € | øa | øb |
|---|---|---|---|
| R130SS20 | € 59,82 | 130 | 330 |
| R150SS20 | € 63,27 | 150 | 350 |
| R180SS20 | € 75,99 | 180 | 410 |
| R200SS20 | € 79,80 | 200 | 410 |
| R230SS20 | € 85,20 | 230 | 460 |
| R250SS20 | € 83,58 | 250 | 460 |
| R300SS20 | € 90,66 | 300 | 500 |

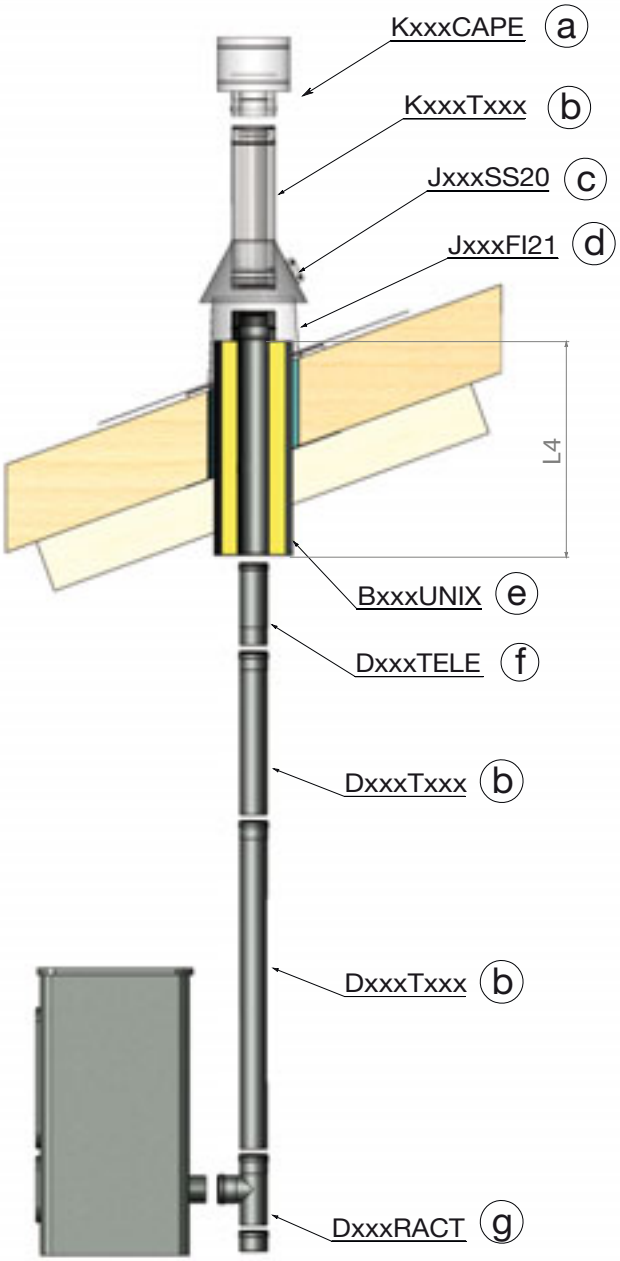



| VERNICIATO COLORE NERO | € | øa | øb |
|---|---|---|---|
| PJ130SS20 | € 29,39 | 130 | 330 |
| PJ150SS20 | € 31,43 | 150 | 345 |
| PJ180SS20 | € 38,54 | 180 | 410 |
| PJ200SS20 | € 38,81 | 200 | 410 |
| PJ230SS20 | € 47,64 | 230 | 460 |
| PJ250SS20 | € 51,85 | 250 | 460 |
| PJ300SS20 | € 54,58 | 300 | 500 |

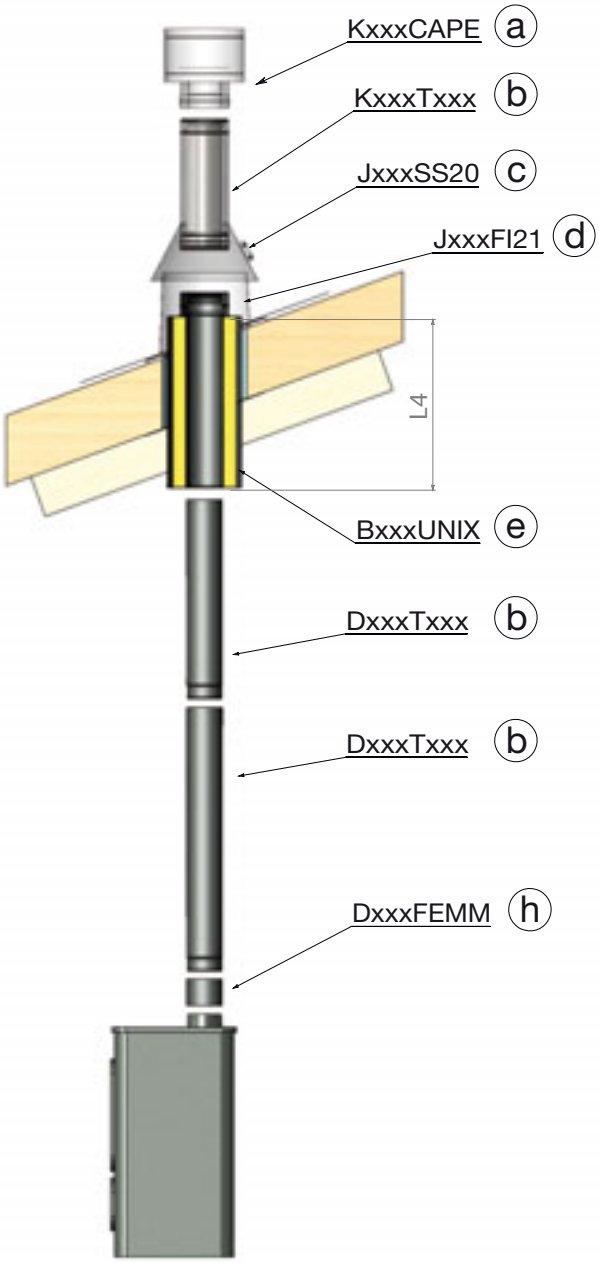



| VERNICIATO COLORE RAME | € | øa | øb |
|---|---|---|---|
| RJ130SS20 | € 29,39 | 130 | 330 |
| RJ150SS20 | € 31,43 | 150 | 350 |
| RJ180SS20 | € 38,54 | 180 | 410 |
| RJ200SS20 | € 38,81 | 200 | 410 |
| RJ230SS20 | € 47,64 | 230 | 460 |
| RJ250SS20 | € 51,85 | 250 | 460 |
| RJ300SS20 | € 54,58 | 300 | 500 |

## INSTALLAZIONE TIPO "A"




## INSTALLAZIONE TIPO "B"




**INSTALLAZIONE “A”**
1) Canale da fumo: Linea Pellet
2) Passaggio Tetto in Legno: UNIX
3) Camino: Dynamic Two / Two Rame

***INSTALLATION TYPE “A”***
1) Flue Pipe internal use: Pellet line
2) Pass for wooden roof: UNIX
3) Chimney: Dynamic Two / Two Copper

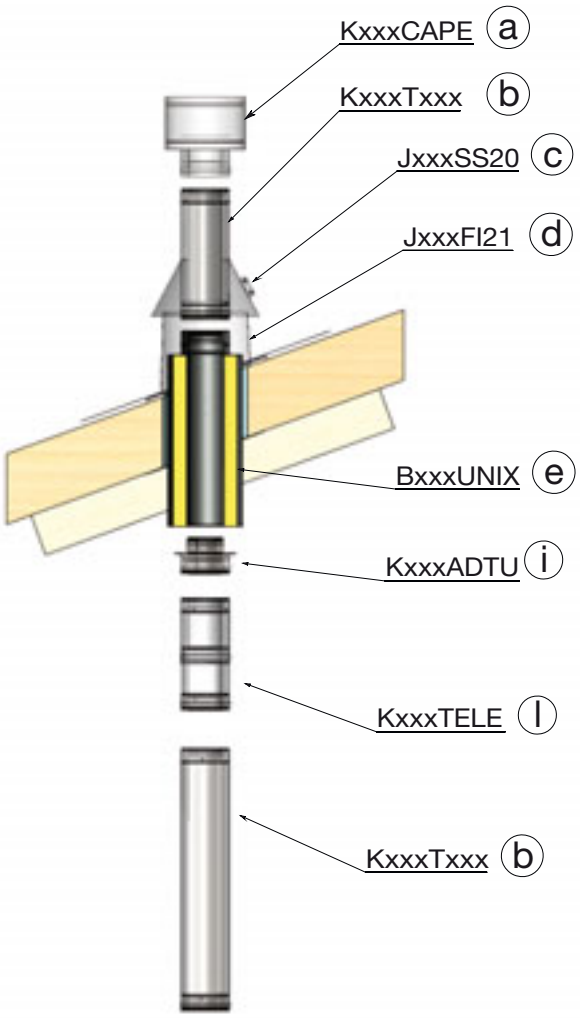
***INSTALLATION TYPE “A”***
1) Conduit de fume: gamme Pellet
2) Traversé pour toiture en bois: UNIX
3) Cheminée: Dynamic Two / Two Cuivre

**INSTALLAZIONE “B”**
1) Canale da fumo: Linea Legna /Dynamic One
2) Passaggio Tetto in Legno: UNIX
3) Camino: Dynamic Two / Two Rame

***INSTALLATION TYPE “B”***
1) Flue Pipe internal use: Wood line / Dynamic One
2) Pass for wooden roof: UNIX
3) Chimney: Dynamic Two / Two Copper

***INSTALLATION TYPE “B”***
1) Conduit de fume: gamme Bois / Dynamic One
2) Traversé pour toiture en bois: UNIX
3) Cheminée: Dynamic Two / Two Cuivre

# INSTALLAZIONE TIPO "C"




**INSTALLAZIONE "C"**
1) Canale da fumo: Dynamic Two / Two Rame
2) Passaggio Tetto in Legno: UNIX
3) Camino: Dynamic Two / Two Rame

***INSTALLATION TYPE "C"***
1) Conduit de fume: gamme Bois / Dynamic One
2) Traversé pour toiture en bois: UNIX
3) Cheminée: Dynamic Two / Two Cuivre

***INSTALLATION TYPE "C"***
1) Conduit de fume: Dynamic Two / Two Cuivre
2) Traversé pour toiture en bois: UNIX
3) Cheminée: Dynamic Two / Two Cuivre

**Legenda:**
a. o altro terminale antipioggia a scelta dell'installatore
b. o altro elemento lineare a scelta dell'installatore **
c. scossalina dedicata "vedi tabella"
d. faldale a scelta, verificare diametro "vedi tabella"
e. passaggio per tetti in legno UNIX
f. elemento telescopico Pellet ***
g. raccordo a T Fem./ Fem.
h. manicotto Fem./ Fem.
i. adattatore DynamicTwo/ Two Rame - UNIX
j. elemento telescopico DynamicTwo/ Two Rame ****

**N.B. xxx** = scelta dei diametri e delle lunghezze a cura dell'installatore specializzato.

** nel caso dell'installazione "B" il lineare si innesta in maniera telescopica direttamente su UNIX, escursione L4 da 50 a 600 mm
*** nel caso dell'installazione "A" il telescopico ha un escursione L4 da 50 a 190 mm
**** nel caso dell'installazione "C" il telescopico ha un escursione da 300 a 430 mm

***Legend:***
a. Or any other rain-resistant ending part to installer's choice
b. Or any other linear element to installer's choice
c. Reserved collar "see the list"
d. Flashing to be chosen, verify the diameter "see the list"
e. Pass for wooden roof UNIX
f. Pellet telescopic element
g. T pipe fitting Fem/Fem
h. Muff Fem/Fem
i. Adaptor Dynamic Two / Two Copper – UNIX
j. Telescopic element Dynamic Two / Two Copper****

***N.B. xxx*** = choice of the diameters and of the lengths by the skilled installer.

** in case of installation "B" the linear element is connected directly to UNIX by telescopic way, range L4 from 50 to 600 mm
*** in case of installation "A" the telescopic element has a range L4 from 50 to 190 mm
**** in case of installation "C" the telescopic element has a range from 300 up to 430 mm

***Légende:***
a. Ou n'importe quel terminal anti pluie à choix de l'installateur
b. Ou n'importe quel élément linéaire à choix de l'installateur
c. Collerette dédiée « voir la liste »
d. Soli à choix, vérifier le diamètre « voir la liste »
e. Traversé pour toiture en bois UNIX
f. Elément télescopique Pellet
g. Raccord à T Fém./Fém.
h. Manchon Fém./Fém.
i. Adaptateur Dynamic Two / Two Cuivre – UNIX
j. Elément télescopique Dynamic Two – Two Cuivre****

***N.B. xxx*** = choix des diamètres et des longueurs par l'installateur spécialisé.

** dans le cas d'installation « B », l'élément linéaire s'installe directement sur UNIX de façon télescopique, étendue L4 de 50 mm à 600 mm
*** dans le cas d'installation « A », l'élément télescopique a une étendue L4 de 50 à 190 mm
**** dans le cas d'installation « C », l'élément télescopique a une étendue de 300 à 430 mm

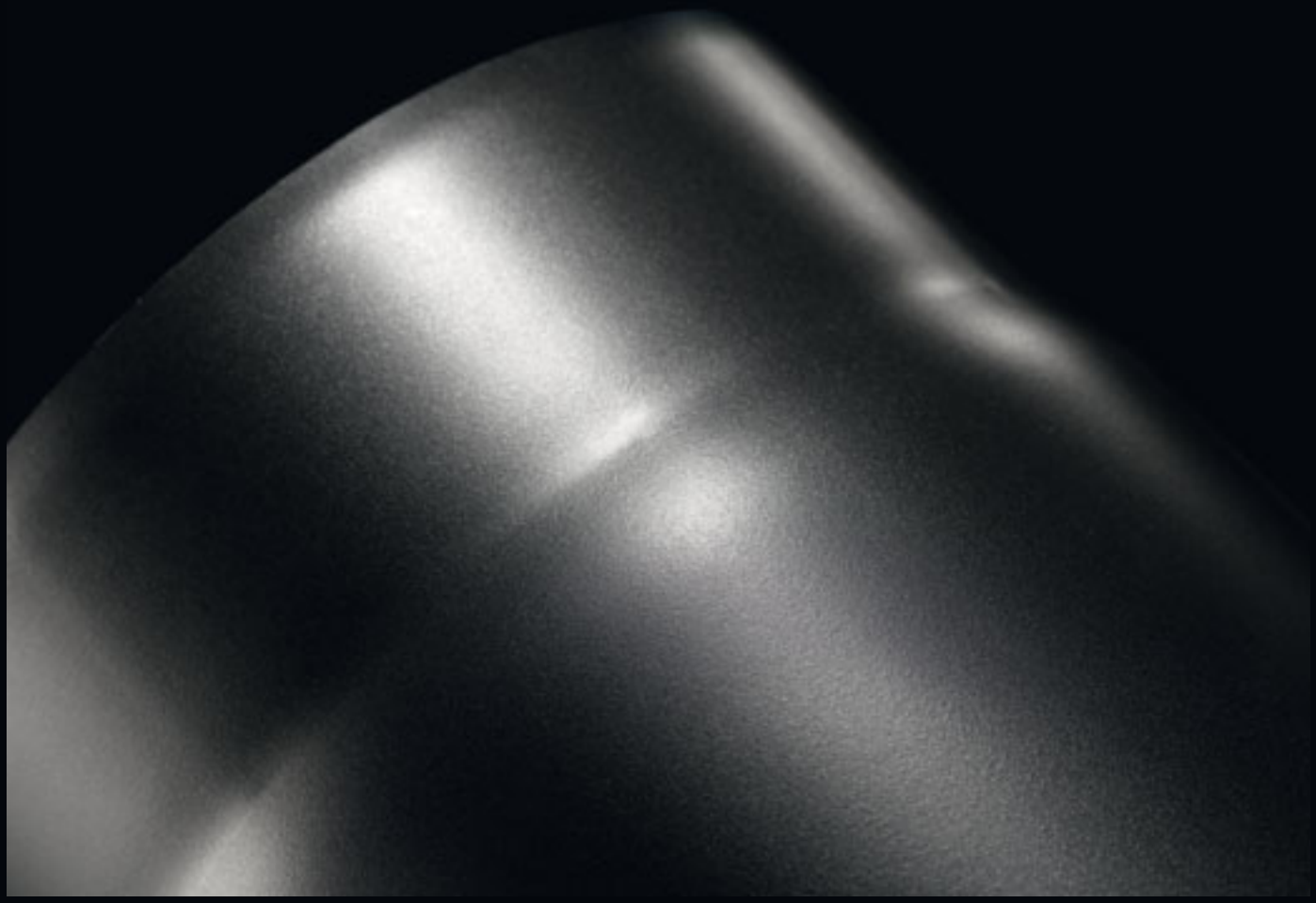
Il colore delle nuove tendenze

# Linea **Legna**

kiwa
FPC
CE
EN 1856-2: 2009
No. 0063-CPD-52977/2

Particolare dell'imbocco *Inlet detail* *Détail de l'embouchure*

# Caratteristiche tecniche



**Verniciatura siliconica a liquido** / ***Liquid silicone painting / Peinture silicone à liquide***

- Acciaio alluminato spessore 2 mm
- Disponibile nei diametri:
  120 - 130 - 140 - 150 - 160 - 180 - 200 - 250
- Strozzatura 50 mm
- Saldatura longitudinale al laser
- Saldatura delle curve robotizzata
- Verniciatura siliconica a liquido resistente alle alte temperature e anti graffio. La vernice subisce una fase di cottura che fa si che la stessa aggrappi meglio al prodotto e diventi molto resistente. Nel caso si debbano effettuare tagli, forniamo delle bombolette per i ritocchi
- Realizziamo pezzi su misura su richiesta del cliente
- Temperatura di esercizio: Max 400° / pressione N1 – 40 Pa

**Applicazioni**

- Evacuazione fumi per funzionamento a secco in pressione N1 (senza guarnizione)
- Canale da fumo per uso interno

APROS

kiwa FPC

CE

EN 1856-2: 2009
No. 0063-CPD-52977/2

**Saldatura longitudinale al laser** / ***Longitudinal laser welding / Soudure longitudinale au laser***

# Technical features

# Caractéristiques techniques

**Realizziamo pezzi su misura su richiesta del cliente /** ***We manufacture special items upon customer request / Nous réalisons des pièces sur mesure à la demande du client***

- Aluminized steel 2 mm thickness.
- Available in diameters:
  120 – 130 – 140 – 150 – 160 – 180 – 200 – 250.
- Narrowing 50 mm.
- Longitudinal laser welding.
- Robotic welding of bends.
- Liquid silicone painting, resistant to high temperature and anti-scratch. The paint undergoes a phase of baking, which permits it to cling better to the product and to become very resistant. In case you have to make cuts, we provide spray cans for touch-ups.
- We manufacture special items upon customer request.

**Working temperature:**

- Max 400°:pressure N1 – 40 Pa

**Applications:**

- Fumes discharge for dry working conditions under pressure N1 (without gasket).
- Flue pipe for internal use.

- Acier aluminisé épaisseur 2 mm
- Diamètres disponibles :
  120 – 130 – 140 – 150 – 160 – 180 – 200 - 250
- Epaisseur 50 mm.
- Soudure longitudinale au laser.
- Soudure robotisée des coudes.
- Peinture silicone à liquide, résistante aux hautes températures et anti-rayures. La peinture subit une phase de cuisson, qui lui permet de se bien attacher au produit et de devenir très résistante. Dans le cas il soit nécessaire de faire des coupements, nous fournissons des bombes spray pour les retouches.
- Nous réalisons des pièces sur mesure à la demande du client.

**Température d'exercice :**

- Max 400°: pression N1 – 40 Pa

**Applications :**

- Evacuation des fumées pour fonctionnement à humide en pression N1 (sans joint).
- Conduit de fumée à usage interne.

# Certificazione
# CE (EN 1856-2:2009)

kiwa
Partner for progress

**Saldatura delle curve robotizzata**
***Robotic welding of bends / Soudure robotisée***

**Designazione tecnica:**
T400-N1-D-V2-L05180-G450M (senza sistema Air System)
T400-N1-D-V2-L05180-G260M (solo utilizzando sistema Air System)

**Certificato N° 0063-CDP-52977/2**

**Designazione tecnica del prodotto secondo EN 1856-2:2009**
La designazione riguarda tutti gli elementi mono parete "Linea Legna" e sono state così definite:
• Canale da fumo con funzionamento in pressione negativa N1:
EN 1856-2 T400-N1-D-V2-L05180-G450M (senza sistema Air System)
EN 1856-2 T400-N1-D-V2-L05180-G260M (solo utilizzando sistema Air System)

**Spiegazione designazione:**
EN 1856-2: normativa di riferimento
T400: classe di temperatura
N1: classe di pressione in pressione negativa
D: resistenza alla condensa (W: umido – D: secco)
V2: resistenza alla corrosione
L05: specifica del materiale utilizzato
180: spessore del materiale
G450: resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 450 mm, il test viene eseguito a 1000° in condizioni areate
G260: resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 260 mm, il test viene eseguito a 1000° in condizioni areate
M: misurato

CE No.0063-CPD-52977/2
APROS srl
Via Lago del Centro Cadore, 3 -
35010 S. Giorgio delle Pertiche (PD)
Canale da fumo rigido mono parete in acciaio
LINEA LEGNA
EN 1856-2:2009
T400-N1-D-V2-L05180-G450 M
T400-N1-D-V2-L05180-G260 M

# Certification:
# CE (EN 1856-2:2009)

**Technical specifications:**
T400-N1-D-V2-L05180-G450M (without Air System)
T400-N1-D-V2-L05180-G260M (only using Air System)

**Certificate N° 0063-CDP-52977/2**

**Technical specification of the product in accordance with EN 1856-2:2009**
The specification covers all single wall “Wood Line” elements and it has been defined as follows:
Flue pipe operating in negative pressure N1:
EN 1856-2 T400-N1-D-V2-L05180-G450M (without Air System)
EN 1856-2 T400-N1-D-V2-L05180-G260M (only using Air System)

**Explanation of the specification:**
EN 1856-2: reference standards
T400: temperature class
N1: pressure class in negative pressure
D: resistance to moisture (W: wet - D: dry)
V2: resistance to corrosion
L05: specifications of the used material
180: thickness of the material
G450: resistant to fire soot. Minimum distance from combustible walls is 450 mm, the test is performed at 1000° in airy conditions
G260: resistant to fire soot. Minimum distance from combustible walls is 260 mm, the test is performed at 1000° in airy conditions
M: measured

# Certification:
# CE (EN 1856-2:2009)

**Désignation technique:**
T400-N1-D-V2-L05180-G450M (sans système Air System)
T400-N1-D-V2-L05180-G260M (seulement en utilisant système Air System)

**Certificat N° 0063-CDP-52977/2**

**Désignation technique du produit selon EN 1856-2:2009**
La désignation couvre tous les éléments simple paroi “Ligne Bois” et elle a été définie comme suit:
Conduit de fumée avec fonctionnement en pression négative N1:
EN 1856-2 T400-N1-D-V2-L01180-G450 (sans système Air System)
EN 1856-2 T400-N1-D-V2-L01180-G260 (seulement en utilisant système Air System)

**Explication de la désignation :**
EN 1856-2: règlement de référence
T400: classe de température
N1: classe de pression en pression négative
D: résistance à l’humidité (W: humide - D: sec)
V2: résistance à la corrosion
L05: spécification du matériel utilisé
180: épaisseur du matériel
G450: résistant au feu de suie. La distance minimale des parois inflammables est de 450 mm, le test est effectué à 1000° dans des conditions aérées.
G260: résistant au feu de suie. La distance minimale des parois de combustibles est de 260 mm, le test est effectué à 1000° dans des conditions aérées.
M: mésuré

kiwa

Partner for progress

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Partner for progress

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Partner for progress

## T100/750/500/300/250

## Elemento lineare
*Linear element*
*Elément droit*

• **Valvola a farfalla intercambiabile**
*Interchangeable valve*
*Clé interchangeable*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | L | |
|---|---|---|---|---|---|---|
| D120T250 | 15,37 | G120T250 | 17,95 | 120 | 250 | 1 |
| D130T250 | 15,37 | G130T250 | 17,95 | 130 | 250 | 1 |
| D140T250 | 15,37 | — | — | 140 | 250 | 1 |
| D150T250 | 15,37 | G150T250 | 17,95 | 150 | 250 | 1 |
| D160T250 | 17,29 | — | — | 160 | 250 | 1 |
| D180T250 | 17,29 | — | — | 180 | 250 | 1 |
| D200T250 | 19,28 | — | — | 200 | 250 | 1 |
| D120T300 | 26,90 | G120T300 | 31,39 | 120 | 300 • | 1 |
| D130T300 | 26,90 | G130T300 | 31,39 | 130 | 300 • | 1 |
| D140T300 | 26,90 | — | — | 140 | 300 • | 1 |
| D150T300 | 26,90 | G150T300 | 31,39 | 150 | 300 • | 1 |
| D160T300 | 28,18 | — | — | 160 | 300 • | 1 |
| D180T300 | 28,18 | — | — | 180 | 300 • | 1 |
| D200T300 | 29,76 | — | — | 200 | 300 • | 1 |
| D120T500 | 21,78 | G120T500 | 25,63 | 120 | 500 | 1 |
| D130T500 | 21,78 | G130T500 | 25,63 | 130 | 500 | 1 |
| D140T500 | 21,78 | — | — | 140 | 500 | 1 |
| D150T500 | 21,78 | G150T500 | 25,63 | 150 | 500 | 1 |
| D160T500 | 23,71 | — | — | 160 | 500 | 1 |
| D180T500 | 23,71 | — | — | 180 | 500 | 1 |
| D200T500 | 25,69 | — | — | 200 | 500 | 1 |
| D120T750 | 27,56 | G120T750 | 33,94 | 120 | 750 | 1 |
| D130T750 | 27,56 | G130T750 | 33,94 | 130 | 750 | 1 |
| D140T750 | 27,56 | — | — | 140 | 750 | 1 |
| D150T750 | 27,56 | G150T750 | 33,94 | 150 | 750 | 1 |
| D160T750 | 30,11 | — | — | 160 | 750 | 1 |
| D180T750 | 30,11 | — | — | 180 | 750 | 1 |
| D200T750 | 32,81 | — | — | 200 | 750 | 1 |
| D120T100 | 32,68 | G120T100 | 37,80 | 120 | 1000 | 1 |
| D130T100 | 32,68 | G130T100 | 37,80 | 130 | 1000 | 1 |
| D140T100 | 32,68 | — | — | 140 | 1000 | 1 |
| D150T100 | 32,68 | G150T100 | 37,80 | 150 | 1000 | 1 |
| D160T100 | 35,23 | — | — | 160 | 1000 | 1 |
| D180T100 | 35,23 | — | — | 180 | 1000 | 1 |
| D200T100 | 41,94 | — | — | 200 | 1000 | 1 |
| D250T100 | 65,82 | — | — | 250 | 1000 | 1 |
| D250T500 | 36,56 | — | — | 250 | 500 | 1 |
| D250T250 | 21,07 | — | — | 250 | 250 | 1 |

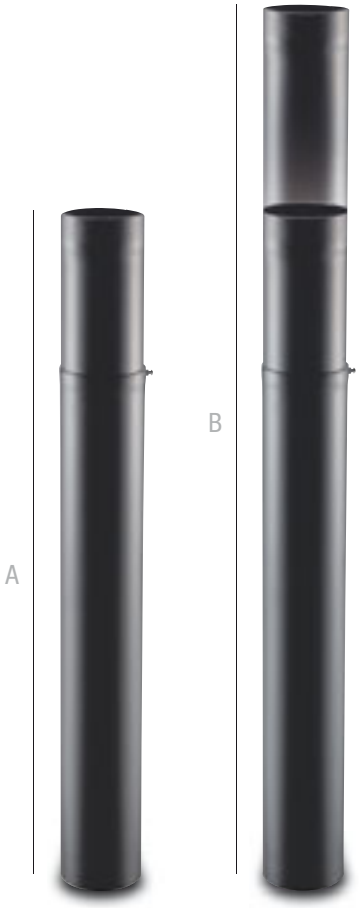
## C090/90S

## Curva a 90°
*90° Bent pipe*
*Coude 90°*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | A | B | ispezione *inspection inspection* | |
|---|---|---|---|---|---|---|---|---|
| D120C090 | 32,02 | G120C090 | 37,80 | 120 | 208 | 270 | | 1 |
| D120C90S | 37,80 | G120C90S | 44,19 | 120 | 208 | 270 | • | 1 |
| D130C090 | 32,02 | G130C090 | 37,80 | 130 | 208 | 275 | | 1 |
| D130C90S | 37,80 | G130C90S | 44,19 | 130 | 208 | 275 | • | 1 |
| D140C090 | 32,02 | — | — | 140 | 208 | 280 | | 1 |
| D140C90S | 37,80 | — | — | 140 | 208 | 280 | • | 1 |
| D150C090 | 32,02 | G150C090 | 37,80 | 150 | 208 | 285 | | 1 |
| D150C90S | 37,80 | G150C90S | 44,19 | 150 | 208 | 285 | • | 1 |
| D160C090 | 34,59 | — | — | 160 | 208 | 290 | | 1 |
| D160C90S | 40,99 | — | — | 160 | 208 | 290 | • | 1 |
| D180C090 | 34,59 | — | — | 180 | 208 | 300 | | 1 |
| D180C90S | 40,99 | — | — | 180 | 208 | 300 | • | 1 |
| D200C90S | 48,35 | — | — | 200 | 213 | 315 | • | 1 |
| D250C090 | 63,60 | — | — | 250 | 258 | 385 | | 1 |

## TELE

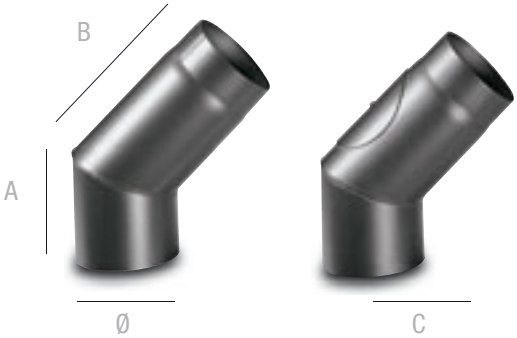
### Elemento telescopico
*Telescopic element*
*Elément télescopique*




| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | A | B | |
|---|---|---|---|---|---|---|---|
| D120TELE | 77,88 | G120TELE | 89,57 | 120 | 1100 | 1900 | 1 |
| D130TELE | 77,88 | G130TELE | 89,57 | 130 | 1100 | 1900 | 1 |
| D140TELE | 77,88 | – | – | 140 | 1100 | 1900 | 1 |
| D150TELE | 77,88 | G150TELE | 89,57 | 150 | 1100 | 1900 | 1 |
| D160TELE | 83,33 | – | – | 160 | 1100 | 1900 | 1 |
| D180TELE | 83,33 | – | – | 180 | 1100 | 1900 | 1 |
| D200TELE | 86,80 | – | – | 200 | 1100 | 1900 | 1 |

## C045/45S

### Curva a 45°
*45° Bent pipe*
*Coude 45°*



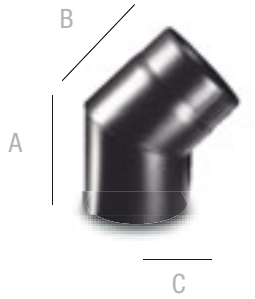

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | A | B | C | ispezione *inspection inspection* | |
|---|---|---|---|---|---|---|---|---|---|
| D120C045 | 30,75 | G120C045 | 35,88 | 120 | 146 | 265 | 176 | | 1 |
| D120C45S | 35,87 | G120C45S | 41,63 | 120 | 146 | 265 | 176 | • | 1 |
| D130C045 | 30,75 | G130C045 | 35,88 | 130 | 150 | 265 | 178 | | 1 |
| D130C45S | 35,87 | G130C45S | 41,63 | 130 | 150 | 265 | 178 | • | 1 |
| D140C045 | 30,75 | — | — | 140 | 155 | 265 | 180 | | 1 |
| D140C45S | 35,87 | — | — | 140 | 155 | 265 | 180 | • | 1 |
| D150C045 | 30,75 | G150C045 | 35,88 | 150 | 159 | 265 | 182 | | 1 |
| D150C45S | 35,87 | G150C45S | 41,63 | 150 | 159 | 265 | 182 | • | 1 |
| D160C045 | 33,30 | — | — | 160 | 163 | 265 | 184 | | 1 |
| D160C45S | 39,06 | — | — | 160 | 163 | 265 | 184 | • | 1 |
| D180C045 | 33,30 | — | — | 180 | 171 | 265 | 188 | | 1 |
| D180C45S | 39,06 | — | — | 180 | 171 | 265 | 188 | • | 1 |
| D200C045 | 37,07 | — | — | 200 | 179 | 265 | 193 | | 1 |
| D250C045 | 53,38 | — | — | 250 | 200 | 265 | 240 | | 1 |

## C45P

## Curva a 45° corta

*Short 45° bent pipe*

*Coude courte 45°*



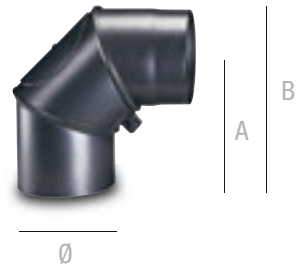

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | A | B | C | |
|---|---|---|---|---|---|---|---|---|
| D120C45P | 30,63 | G120C45P | 35,21 | 120 | 126 | 126 | 80 | 1 |
| D130C45P | 30,63 | G130C45P | 35,21 | 130 | 130 | 130 | 85 | 1 |
| D140C45P | 30,63 | — | — | 140 | 134 | 134 | 90 | 1 |
| D150C45P | 30,63 | G150C45P | 35,21 | 150 | 138 | 138 | 95 | 1 |
| D160C45P | 33,19 | — | — | 160 | 143 | 143 | 100 | 1 |
| D180C45P | 33,19 | — | — | 180 | 151 | 151 | 110 | 1 |
| D200C45P | 37,49 | — | — | 200 | 159 | 159 | 120 | 1 |

## ORS

## Curva orientabile a 3 settori

*3 sectors revolving bent pipe*

*Coude orientable à 3 secteurs*




| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | A | B | ispezione *inspection inspection* | |
|---|---|---|---|---|---|---|---|---|
| D1200RS | 46,11 | G1200RS | 52,50 | 120 | 191,4 | 270 | • | 1 |
| D1300RS | 46,11 | G1300RS | 52,50 | 130 | 196,4 | 275 | • | 1 |
| D1400RS | 46,11 | — | — | 140 | 201,4 | 280 | • | 1 |
| D1500RS | 46,11 | G1500RS | 52,50 | 150 | 206,4 | 285 | • | 1 |
| D1600RS | 47,40 | — | — | 160 | 211,4 | 290 | • | 1 |
| D1800RS | 47,40 | — | — | 180 | 221,4 | 300 | • | 1 |
| D2000RS | 54,56 | — | — | 200 | 231,4 | 310 | • | 1 |

## ORS4

## Curva orientabile a 4 settori

*4 sectors revolving bent pipe*

*Coude orientable à 4 secteurs*

| codice NERO *BLACK code code NOIR* | € | Ø | ispezione *inspection inspection* | |
|---|---|---|---|---|
| D1200RS4 | 64,34 | 120 | • | 1 |
| D1300RS4 | 64,34 | 130 | • | 1 |
| D1400RS4 | 64,34 | 140 | • | 1 |
| D1500RS4 | 64,34 | 150 | • | 1 |
| D1800RS4 | 76,03 | 180 | • | 1 |
| D2000RS4 | 76,03 | 200 | • | 1 |

## RACT

### Raccordo a “T”
*“T” pipe fitting*
*Raccord en “T”*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | H | H1 | |
|---|---|---|---|---|---|---|---|
| D120RACT | 93,09 | G120RACT | 107,08 | 120 | 330 | 165 | 1 |
| D130RACT | 93,09 | G130RACT | 107,08 | 130 | 330 | 165 | 1 |
| D140RACT | 93,09 | — | — | 140 | 350 | 175 | 1 |
| D150RACT | 93,09 | G150RACT | 107,08 | 150 | 350 | 175 | 1 |
| D160RACT | 97,18 | — | — | 160 | 400 | 200 | 1 |
| D180RACT | 97,18 | — | — | 180 | 400 | 200 | 1 |
| D200RACT | 103,73 | — | — | 200 | 400 | 200 | 1 |

## ROEL

### Rosone ellittico
*Elliptical ring*
*Rosace elliptique*

| codice NERO *BLACK code code NOIR* | € | Ø | Ø 1 | Ø 2 | |
|---|---|---|---|---|---|
| D120ROEL | 15,08 | 120 | 300 | 128 | 1 |
| D130ROEL | 15,08 | 130 | 300 | 138 | 1 |
| D140ROEL | 15,08 | 140 | 300 | 148 | 1 |
| D150ROEL | 15,08 | 150 | 300 | 158 | 1 |
| D160ROEL | 15,08 | 160 | 400 | 168 | 1 |
| D180ROEL | 15,08 | 180 | 400 | 188 | 1 |
| D200ROEL | 15,98 | 200 | 400 | 208 | 1 |

## ROS3

### Rosone a tre fori
*Ring with three holes*
*Rosace avec trois trous*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *BLACK code code NOIR* | € | Ø | Ø 1 | Ø 2 | |
|---|---|---|---|---|---|---|---|
| D120ROS3 | 15,06 | G120ROS3 | 17,33 | 120 | 250 | 126 | 1 |
| D130ROS3 | 15,06 | G130ROS3 | 17,33 | 130 | 250 | 136 | 1 |
| D140ROS3 | 15,06 | — | — | 140 | 300 | 146 | 1 |
| D150ROS3 | 15,06 | G150ROS3 | 17,33 | 150 | 300 | 165 | 1 |
| D160ROS3 | 16,09 | — | — | 160 | 300 | 166 | 1 |
| D180ROS3 | 16,09 | — | — | 180 | 300 | 186 | 1 |

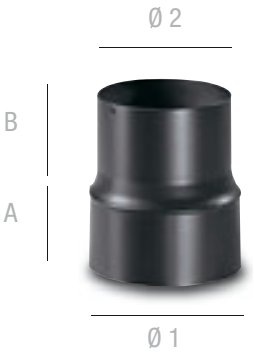
## ROSE

### Rosone
*Ring*
*Rosace*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | Ø 2 | |
|---|---|---|---|---|---|---|---|
| D120ROSE | 11,45 | G120ROSE | 12,65 | 120 | 250 | 125 | 1 |
| D130ROSE | 11,45 | G130ROSE | 12,65 | 130 | 250 | 135 | 1 |
| D140ROSE | 11,45 | — | — | 140 | 250 | 145 | 1 |
| D150ROSE | 11,45 | G150ROSE | 12,65 | 150 | 250 | 155 | 1 |
| D160ROSE | 11,45 | — | — | 160 | 250 | 165 | 1 |
| D180ROSE | 11,45 | — | — | 180 | 250 | 185 | 1 |
| D200ROSE | 15,52 | — | — | 200 | 325 | 205 | 1 |
| D250ROSE | 25,48 | — | — | 250 | 400 | 255 | 1 |

## RID/AMP

### Riduzioni/Maggiorazioni
*Reductions/Augmentations*
*Réductions/Enlargements*

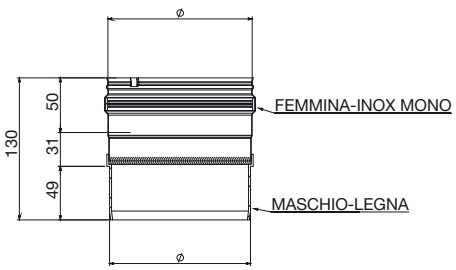



| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø 1 | Ø 2 | A | B | |
|---|---|---|---|---|---|---|---|---|
| RID200F180M | 28,82 | — | — | 200F | 180M | 65 | 85 | 1 |
| RID180F150M | 28,82 | — | — | 180F | 150M | 65 | 85 | 1 |
| RID160F150M | 28,82 | — | — | 160F | 150M | 65 | 85 | 1 |
| RID150F140M | 28,82 | GRID150F140M | 31,39 | 150F | 140M | 65 | 85 | 1 |
| RID150F130M | 28,82 | GRID150F130M | 31,39 | 150F | 130M | 65 | 85 | 1 |
| RID150F120M | 28,82 | GRID150F120M | 31,39 | 150F | 120M | 65 | 85 | 1 |
| RID140F130M | 28,82 | GRID140F130M | 31,39 | 140F | 130M | 65 | 85 | 1 |
| RID140F120M | 28,82 | GRID140F120M | 31,39 | 140F | 120M | 65 | 85 | 1 |
| RID130F120M | 28,82 | GRID130F120M | 31,39 | 130F | 120M | 65 | 85 | 1 |
| RID130M120F | 28,82 | — | — | 130M | 120F | 65 | 85 | 1 |
| RID140M120F | 28,82 | — | — | 140M | 120F | 65 | 85 | 1 |
| RID150M120F | 28,82 | — | — | 150M | 120F | 65 | 85 | 1 |
| RID140M130F | 28,82 | — | — | 140M | 130F | 65 | 85 | 1 |
| RID150M130F | 28,82 | — | — | 150M | 130F | 65 | 85 | 1 |
| RID150M140F | 28,82 | — | — | 150M | 140F | 65 | 85 | 1 |
| AMP12013 | 28,82 | — | — | 124 | 138 | 65 | 85 | 1 |
| AMP12014 | 28,82 | — | — | 124 | 148 | 65 | 85 | 1 |
| AMP12015 | 28,82 | — | — | 124 | 158 | 65 | 85 | 1 |
| AMP13014 | 28,82 | — | — | 134 | 148 | 65 | 85 | 1 |
| AMP13015 | 28,82 | — | — | 134 | 158 | 65 | 85 | 1 |
| AMP14015 | 28,82 | — | — | 144 | 158 | 65 | 85 | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT1

### Adattatore (legna masc. / inox mono femm.)
*Adaptor wood male / inox sigle wall female*
*Adaptateur bois mâle / inox simple paroi femelle*



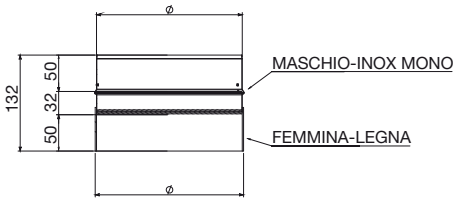

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT1 | 26,28 | G120ADT1 | 30,22 | 120 | 1 |
| D130ADT1 | 28,32 | G130ADT1 | 32,57 | 130 | 1 |
| D140ADT1 | 30,87 | G140ADT1 | 35,50 | 140 | 1 |
| D150ADT1 | 31,71 | G150ADT1 | 36,47 | 150 | 1 |
| D160ADT1 | 34,41 | G160ADT1 | 39,57 | 160 | 1 |
| D180ADT1 | 35,73 | G180ADT1 | 41,09 | 180 | 1 |
| D200ADT1 | 37,20 | G200ADT1 | 42,78 | 200 | 1 |

## ADT2

### Adattatore (legna femm. / inox mono masc.)

*Adaptor wood female / inox sigle wall male*

*Adaptateur bois femelle / inox simple paroi mâle*



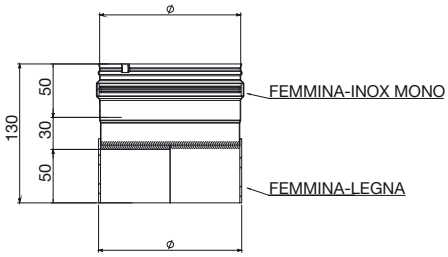

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT2 | 26,28 | G120ADT2 | 30,22 | 120 | 1 |
| D130ADT2 | 28,32 | G130ADT2 | 32,57 | 130 | 1 |
| D140ADT2 | 30,87 | G140ADT2 | 35,50 | 140 | 1 |
| D150ADT2 | 31,71 | G150ADT2 | 36,47 | 150 | 1 |
| D160ADT2 | 34,41 | G160ADT2 | 39,57 | 160 | 1 |
| D180ADT2 | 35,73 | G180ADT2 | 41,09 | 180 | 1 |
| D200ADT2 | 37,20 | G200ADT2 | 42,78 | 200 | 1 |

## ADT3

### Adattatore (legna femm. / inox mono femm.)

*Adaptor wood female / inox sigle wall female*

*Adaptateur bois femelle / inox simple paroi femelle*



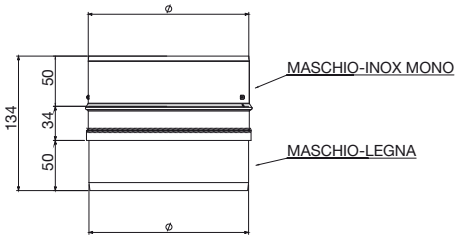

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT3 | 26,28 | G120ADT3 | 30,22 | 120 | 1 |
| D130ADT3 | 28,32 | G130ADT3 | 32,57 | 130 | 1 |
| D140ADT3 | 30,87 | G140ADT3 | 35,50 | 140 | 1 |
| D150ADT3 | 31,71 | G150ADT3 | 36,47 | 150 | 1 |
| D160ADT3 | 34,41 | G160ADT3 | 39,57 | 160 | 1 |
| D180ADT3 | 35,73 | G180ADT3 | 41,09 | 180 | 1 |
| D200ADT3 | 37,20 | G200ADT3 | 42,78 | 200 | 1 |

## ADT4

### Adattatore (legna masc. / inox mono masc.)

*Adaptor wood male / inox sigle wall male*

*Adaptateur bois mâle / inox simple paroi mâle*




| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT4 | 26,28 | G120ADT4 | 30,22 | 120 | 1 |
| D130ADT4 | 28,32 | G130ADT4 | 32,57 | 130 | 1 |
| D140ADT4 | 30,87 | G140ADT4 | 35,50 | 140 | 1 |
| D150ADT4 | 31,71 | G150ADT4 | 36,47 | 150 | 1 |
| D160ADT4 | 34,41 | G160ADT4 | 39,57 | 160 | 1 |
| D180ADT4 | 35,73 | G180ADT4 | 41,09 | 180 | 1 |
| D200ADT4 | 37,20 | G200ADT4 | 42,78 | 200 | 1 |

## RAS

### Raccordo telescopico a soffitto completo di rosone

*Adjustable ceiling pipe-fitting with ring*

*Raccord télescopique au plafond avec rosace*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | Ø 2 | h | |
|---|---|---|---|---|---|---|---|---|
| D120RAS | 64,68 | G120RAS | 67,23 | 120 | 128 | 300 | 212 | 1 |
| D130RAS | 64,68 | G130RAS | 67,23 | 130 | 138 | 300 | 212 | 1 |
| D140RAS | 64,68 | — | — | 140 | 148 | 300 | 212 | 1 |
| D150RAS | 64,68 | G150RAS | 67,23 | 150 | 158 | 300 | 212 | 1 |
| D160RAS | 64,68 | — | — | 160 | 168 | 300 | 212 | 1 |
| D180RAS | 64,68 | — | — | 180 | 188 | 300 | 212 | 1 |
| D200RAS | 67,02 | — | — | 200 | 208 | 400 | 212 | 1 |

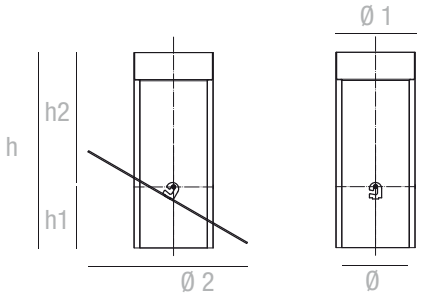
## RASO

### Raccordo telescopico a soffitto orientabile

*Adjustable revolving pipe-fitting for ceiling*

*Raccord télescopique orientable pour plafond*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | Ø 2 | \ | h | h 1 | h 2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D120RASO | 77,25 | G120RASO | 88,58 | 120 | 128 | 300 | 0°- 30° | 300 | 100 | 200 | 1 |
| D130RASO | 77,25 | G130RASO | 88,58 | 130 | 138 | 300 | 0°- 30° | 300 | 100 | 200 | 1 |
| D140RASO | 77,25 | — | — | 140 | 148 | 300 | 0°- 30° | 300 | 100 | 200 | 1 |
| D150RASO | 77,25 | G150RASO | 88,58 | 150 | 158 | 300 | 0°- 30° | 300 | 100 | 200 | 1 |
| D160RASO | 77,25 | — | — | 160 | 168 | 400 | 0°- 30° | 300 | 100 | 200 | 1 |
| D180RASO | 77,25 | — | — | 180 | 188 | 400 | 0°- 30° | 300 | 100 | 200 | 1 |
| D200RASO | 77,25 | — | — | 200 | 208 | 400 | 0°- 30° | 300 | 100 | 200 | 1 |



## FASC

### Fascetta reggitubo
*Support pipe clip*
*Collier soutien tuyau*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| FASCD120 | 11,54 | FASCG120 | 12,83 | 120 | 1 |
| FASCD130 | 11,54 | FASCG130 | 12,83 | 130 | 1 |
| FASCD140 | 11,54 | — | — | 140 | 1 |
| FASCD150 | 11,54 | FASCG150 | 12,83 | 150 | 1 |
| FASCD160 | 11,54 | — | — | 160 | 1 |
| FASCD180 | 11,54 | — | — | 180 | 1 |
| FASCD200 | 15,33 | — | — | 200 | 1 |

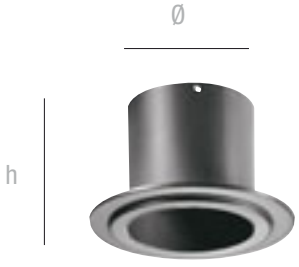
## RAM

### Raccordo telescopico a muro
*Adjustable wall pipe-fitting*
*Raccord télescopique mural*

| codice NERO *BLACK code code NOIR* | € | Ø 1 | Ø 2 | h | |
|---|---|---|---|---|---|
| D120RAM | 60,20 | 120 | 128 | 150 | 1 |
| D130RAM | 60,20 | 130 | 138 | 150 | 1 |
| D140RAM | 60,20 | 140 | 148 | 150 | 1 |
| D150RAM | 60,20 | 150 | 158 | 150 | 1 |
| D160RAM | 60,20 | 160 | 168 | 150 | 1 |
| D180RAM | 60,20 | 180 | 188 | 150 | 1 |
| D200RAM | 60,20 | 200 | 208 | 150 | 1 |

## RACC

### Raccordo a parete con rosone
*Wall pipe-fitting with ring*
*Raccord mural avec rosace*



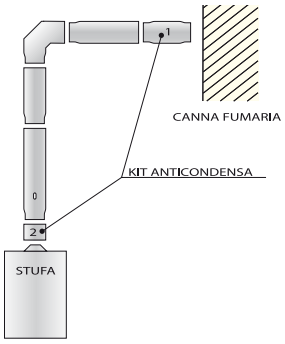

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | h | |
|---|---|---|---|---|---|---|
| RACC120P | 30,75 | GRAC120P | 33,94 | 120 | 150 | 1 |
| RACC130P | 30,75 | GRAC130P | 33,94 | 130 | 150 | 1 |
| RACC140P | 30,75 | — | — | 140 | 150 | 1 |
| RACC150P | 30,75 | GRAC150P | 33,94 | 150 | 150 | 1 |
| RACC160P | 30,75 | — | — | 160 | 150 | 1 |
| RACC180P | 30,75 | — | — | 180 | 150 | 1 |
| RACC200P | 42,02 | — | — | 200 | 150 | 1 |

## MASC

# Manicotto MASCHIO/MASCHIO

*Muff MALE/MALE*

*Manchon MÂLE/MÂLE*



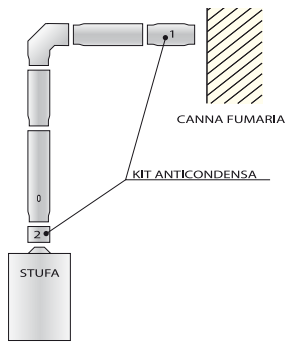

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120MASC | 15,40 | G120MASC | 17,71 | 120 | 1 |
| D130MASC | 15,40 | G130MASC | 17,71 | 130 | 1 |
| D140MASC | 15,40 | — | — | 140 | 1 |
| D150MASC | 15,40 | G150MASC | 17,71 | 150 | 1 |
| D160MASC | 15,40 | — | — | 160 | 1 |
| D180MASC | 15,40 | — | — | 180 | 1 |
| D200MASC | 16,88 | — | — | 200 | 1 |

## FEMM

# Manicotto FEMMINA/FEMMINA

*Muff FEMALE/FEMALE*

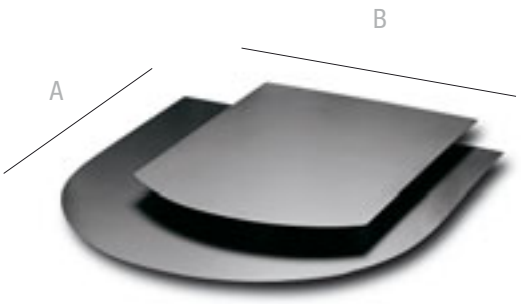
*Manchon FEMELLE/FEMELLE*




| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120FEMM | 15,40 | G120FEMM | 17,71 | 120 | 1 |
| D130FEMM | 15,40 | G130FEMM | 17,71 | 130 | 1 |
| D140FEMM | 15,40 | — | — | 140 | 1 |
| D150FEMM | 15,40 | G150FEMM | 17,71 | 150 | 1 |
| D160FEMM | 15,40 | — | — | 160 | 1 |
| D180FEMM | 15,40 | — | — | 180 | 1 |
| D200FEMM | 16,88 | — | — | 200 | 1 |

## PEDANA

### Piano salvapavimento
*Floor-protection Board*
*Plateaux de protection sol*




| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | A | B | |
|---|---|---|---|---|---|---|
| PEDANA1 | 79,31 | PEDANA1G | 85,19 | 1000 | 900 | 1 |
| PEDANA2 | 73,94 | PEDANA2G | 79,50 | 800 | 600 | 1 |

## VALV

### Valvola a farfalla intercambiabile
*Interchangeable valve*
*Clé interchangeable*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120VALV | 16,03 | G120VALV | 18,41 | 120 | 1 |
| D130VALV | 16,03 | G130VALV | 18,41 | 130 | 1 |
| D140VALV | 16,03 | — | — | 140 | 1 |
| D150VALV | 16,03 | G150VALV | 18,41 | 150 | 1 |
| D160VALV | 16,03 | — | — | 160 | 1 |
| D180VALV | 16,03 | — | — | 180 | 1 |
| D200VALV | 16,51 | — | — | 200 | 1 |

## T250/500/100

### Elemento lineare
*Linear element*
*Elément droit*

| codice *code code* | € | Ø | h | |
|---|---|---|---|---|
| 0D12T100 | 124,95 | 120 | 1000 | 1 |
| 0D14T100 | 142,75 | 140 | 1000 | 1 |
| 0D12T500 | 69,64 | 120 | 500 | 1 |
| 0D14T500 | 78,51 | 140 | 500 | 1 |
| 0D12T250 | 40,13 | 120 | 250 | 1 |
| 0D14T250 | 44,56 | 140 | 250 | 1 |

## ROSE

### Rosone
*Ring*
*Rosace*

Ø

| codice *code code* | € | Ø | |
|---|---|---|---|
| 0D12ROSE | 27,01 | 120 | 1 |
| 0D14ROSE | 27,01 | 140 | 1 |



Strozzatura *Narrowing Etranglement* 55 mm

Spessore *Thickness Epaisseur* 1 mm

## C90

### Curva 90°

*90° Bent pipe*
*Coude 90°*

Ø

| codice<br>*code*<br>*code* | € | Ø | / | |
|---|---|---|---|---|
| OD120C90 | 83,05 | 120 | 90° | 1 |
| OD140C90 | 86,97 | 140 | 90° | 1 |

## C45

### Curva 45°

*45° Bent pipe*
*Coude 45°*

Ø

| codice<br>*code*<br>*code* | € | Ø | / | |
|---|---|---|---|---|
| OD120C45 | 59,49 | 120 | 45° | 1 |
| OD140C45 | 86,97 | 140 | 45° | 1 |

Strozzatura *Narrowing Etranglement* 55 mm  Spessore *Thickness Epaisseur* 1 mm

## SILICONE

### Silicone rosso
*Red silicone*
*Silicone rouge*

| codice<br>*code*<br>*code* | descrizione<br>*description*<br>*description* | € |
|---|---|---|
| SILICONE | silicone rosso red silicone silicone rouge | 8,09 |

Contenuto 280 ml
*Contents 280 ml*
*Contenu 280 ml*

## SILICONEN

### Silicone nero
*Black silicone*
*Silicone noir*

| codice<br>*code*<br>*code* | descrizione<br>*description*<br>*description* | € |
|---|---|---|
| SILICONEN | silicone nero black silicone silicone noir | 8,50 |

Contenuto 280 ml
*Contents 280 ml*
*Contenu 280 ml*

## SPARY12

### Spray pulivetro
*Glass-cleaning spray*
*Spray pour nettoyer le vitre*

| codice<br>*code*<br>*code* | descrizione<br>*description*<br>*description* | € |
|---|---|---|
| SPRAY12 | Spray pulivetro Glass-cleaning spray Spray pour nettoyer le vitre | 9,33 |

Confezioni da 12 pz da 750 ml
*Package with 12 pcs of 750 ml*
*Conditionnement avec 12 pcs de 750 ml*

## TEXTAPE

### Nastro in fibra di vetro
*Glassfiber strip*
*Ruban en fibre de verre*

| codice<br>*code*<br>*code* | descrizione<br>*description*<br>*description* | € al metro<br>*€ per metre*<br>*€ par metre* |
|---|---|---|
| TEXTAPE | TEX-TAPE | 3,86 |

## BOCLN

### Spray per ritocchi
*Color Spray*
*Couleur spray*

| codice<br>*code*<br>*code* | descrizione<br>*description*<br>*description* | € |
|---|---|---|
| BOCLN1 | nero black noir | 15,54 |
| BOCLN2 | grigio grey gris | 15,54 |

Confezioni da 6 pz
*Package with 6 pcs*
*Conditionnement avec 6 pcs*

Il colore delle nuove tendenze

# Linea **Pellet**

kiwa
FPC
CE
EN 1856-2: 2009
No. 0063-CPD-52977/2

Particolare dell'imbocco *Inlet detail* *Détail de l'embouchure*

# Caratteristiche tecniche

- Acciaio Fe spessore 1,2 mm
- Disponibile nei diametri: 80 – 100
- Guarnizione siliconica compresa in tutti gli articoli
- Saldatura longitudinale al laser
- Saldatura delle curve robotizzata
- Verniciatura siliconica a liquido resistente alle alte temperature e anti graffio. La vernice subisce una fase di cottura che fa si che la stessa aggrappi meglio al prodotto e diventi molto resistente. Nel caso si debbano effettuare tagli, forniamo delle bombolette per i ritocchi.
- Realizziamo pezzi su misura su richiesta del cliente

**Accessori:**
- Guarnizione verde in viton resitente a 300°

**Temperatura di esercizio:**
- Max 200°: con guarnizione siliconica (pressione P1 – 200 Pa)
- Max 300°: con guarnizione siliconica in viton (pressione P1 – 200 Pa)
- Max 400°: senza guarnizione siliconica (pressione N1 – 40 Pa)

**Applicazioni:**
- Evacuazione fumi per funzionamento a umido in pressione N1 (senza guarnizione) e P1 (con guarnizione)
- Canale da fumo per uso interno

APROS

kiwa

FPC

CE

EN 1856-2: 2009
No. 0063-CPD-52977/2

Linea **Pellet**
50

# Technical features

**Verniciatura siliconica a liquido** / ***Liquid siliconic paint / Peinture siliconique à liquide***

- Steel Fe 1,2 mm thickness.
- Available in diameters: 80 – 100.
- Silicone gasket included in all items.
- Longitudinal laser welding .
- Robotic welding of bends.
- Liquid silicone painting, resistant to high temperature and anti-scratch. The paint undergoes a phase of baking, which permits it to cling better to the product and to become very resistant. In case you have to make cuts, we provide spray cans for touch-ups.
- We manufacture special items upon customer request.

**Accessories:**
- Green viton gasket resistant up to 300°

**Working temperature:**
- Max 200°: with silicone gasket (pressure P1 – 200 Pa)
- Max 300°: with viton silicone gasket (pressure P1 – 200 Pa)
- Max 400°: without silicone gasket (pressure N1 – 40 Pa)

**Applications:**
- Fumes discharge for wet working conditions under pressure N1 (without gasket) and P1 (with gasket).
- Flue pipe for internal use.

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**Realizziamo pezzi su misura su richiesta del cliente /** ***We manufacture special items upon customer request***
***Nous réalisons des pièces sur mesure à la demande du client***

# Caractéristiques techniques

**Saldatura delle curve robotizzata / *Robotic welding of bends* / *Soudure robotisée***

- Acier Fe épaisseur 1,2 mm
- Diamètres disponibles: 80 – 100
- Joint en silicone incluse dans tous les articles.
- Soudure longitudinale au laser.
- Soudure robotisée des coudes.
- Peinture silicone à liquide, résistante aux hautes températures et anti-rayures. La peinture subit une phase de cuisson, qui lui permet de se bien attacher au produit et de devenir très résistante. Dans le cas il soit nécessaire de faire des coupements, nous fournissons des bombes spray pour les retouches.
- Nous réalisons des pièces sur mesure à la demande du client.

**Accessoires :**
- Joint vert en viton résistante à 300°

**Température d'exercice :**
- Max 200°: avec joint au silicone (pression P1 – 200 Pa)
- Max 300°: avec joint au silicone en viton (pression P1 – 200 Pa)
- Max 400°: sans joint au silicone (pression N1 – 40 Pa)

**Applications :**
- Evacuation des fumées pour fonctionnement à humide en pression N1 (sans joint) et P1 (avec joint).
- Conduit de fumée à usage interne.

# Certificazione
# CE (EN 1856-2:2009)

**Designazione tecnica:**
T200-P1-W-Vm-L01120-O40 M (con elastomero di tenuta)
T250-P1-W-Vm-L01120-O40 M (con elastomero di tenuta in viton)
T400-N2-D-Vm-L01120-O60 M (senza elastomero di tenuta)
T400-N2-D-Vm-L01120-G240 M (senza elastomero di tenuta)
T300-N1-D-Vm-L01120-O40 M (senza elastomero di tenuta)
T300-N1-D-Vm-L01120-G240 M (senza elastomero di tenuta)

**Certificato N° 0063-CDP-52977/2**
Designazione tecnica del prodotto secondo EN 1856-2:2009
La designazione riguarda tutti gli elementi mono parete "Linea Pellet" e sono state così definite:
• **Canale da fumo con funzionamento in pressione positiva P1:**
EN 1856-2 T200-P1-W-V2-L01120-G240 M (sistema con elastomero di tenuta)
EN 1856-2 T200-P1-W-V2-L01120-O40 M (sistema con elastomero di tenuta- gas)
EN 1856-2 T200-P1-W-V2-L01120-O10 M (sistema con elastomero di tenuta- gas)
EN 1856-2 T300-P1-W-V2-L01120-O40 M (sistema con elastomero di tenuta in viton)

**Spiegazione designazione:**
EN 1856-2: normativa di riferimento
T200/300: classe di temperatura
P1: classe di pressione in pressione positiva
W: resistenza alla condensa (W: umido – D: secco)
V2: resistenza alla corrosione
L01: specifica del materiale utilizzato
120: spessore del materiale
G240: resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 240 mm, il test viene eseguito a 1000° in condizioni areate
O40: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 40 mm, il test viene eseguito a 1000° in condizioni areate
O10: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 10 mm, il test viene eseguito a 1000° in condizioni areate
M: misurato

La designazione riguarda tutti gli elementi mono parete "Linea Pellet" e sono state così definite:
• **Canale da fumo con funzionamento in pressione negativa N1:**
EN 1856-2 T200-N1-W-V2-L01120-G240 M (sistema senza elastomero - legna)
EN 1856-2 T300-N1-W-V2-L01120-G240 M (sistema con elastomero di tenuta in vitton)

**Spiegazione designazione:**
EN 1856-2: normativa di riferimento
T200/300 : classe di temperatura
N1: classe di pressione in pressione negativa
W: resistenza alla condensa (W: umido – D: secco)
V2: resistenza alla corrosione
L01: specifica del materiale utilizzato
120: spessore del materiale
G240: resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 240 mm, il test viene eseguito a 1000° in condizioni areate
M: misurato

CE No.0063-CPD-52977/2
APROS srl
Via Lago del Centro Cadore, 3 -
35010 S. Giorgio delle Pertiche (PD)
Canale da fumo rigido mono parete in acciaio
LINEA PELLET
EN 1856-2:2009

# Certification:
# CE (EN 1856-2:2009)

**Technical specifications:**
T200-P1-W-Vm-L01120-O40 M (with tightness elastomer)
T250-P1-W-Vm-L01120-O40 M (with viton tightness elastomer)
T400-N2-D-Vm-L01120-O60 M (without tightness elastomer)
T400-N2-D-Vm-L01120-G240 M (without tightness elastomer)
T300-N1-D-Vm-L01120-O40 M (without tightness elastomer)
T300-N1-D-Vm-L01120-G240 M (without tightness elastomer)

**Certificate N° 0063-CDP-52977/2**
Technical specification of the product in accordance with EN 1856-2:2009
The specification covers all single wall "Pellet Line" elements and it has been defined as follows:
Flue pipe operating in positive pressure P1:
EN 1856-2 T200-P1-W-V2-L01120-G240 M (system with tightness elastomer)
EN 1856-2 T200-P1-W-V2-L01120-O40 M (system with tightness elastomer-gas)
EN 1856-2 T200-P1-W-V2-L01120-O10 M (system with tightness elastomer-gas)
EN 1856-2 T300-P1-W-V2-L01120-O40 M (system with viton tightness elastomer)

**Explanation of the specification:**
EN 1856-2: reference standards
T200/300: temperature class
P1: pressure class in positive pressure
W: resistance to moisture (W: wet - D: dry)
V2: resistance to corrosion
L01: specifications of the used material
120: thickness of the material
G240: resistant to fire soot. Minimum distance from combustible walls is 240 mm, the test is performed at 1000° in airy conditions
O40: not resistant to fire soot. Minimum distance from combustible walls is 40 mm, the test is performed at 1000° in airy conditions
O10: not resistant to fire soot. Minimum distance from combustible walls is 10 mm, the test is performed at 1000° in airy conditions
M: measured

The specification covers all single wall "Pellet Line" elements and it has been defined as follows:
Flue pipe operating in negative pressure N1:
EN 1856-2 T200-N1-W-V2-L01120-G240 M (system without tightness elastomer - wood)
EN 1856-2 T300-N1-W-V2-L01120-G240 M (system with viton tightness elastomer)

**Explanation of the specification:**
EN 1856-2: reference standards
T200/300: temperature class
N1: pressure class in negative pressure
W: resistance to moisture (W: wet - D: dry)
V2: resistance to corrosion
L01: specifications of the used material
180: thickness of the material
G240: resistant to fire soot. Minimum distance from combustible walls is 240 mm, the test is performed at 1000° in airy conditions.
M: measured

# Certification:
# CE (EN 1856-2:2009)

**Désignation technique :**
T200-P1-W-Vm-L01120-040 M (avec élastomère d'étanchéité)
T250-P1-W-Vm-L01120-040 M (avec élastomère d'étanchéité en viton)
T400-N2-D-Vm-L01120-060 M (sans élastomère d'étanchéité)
T400-N2-D-Vm-L01120-G240 M (sans élastomère d'étanchéité)
T300-N1-D-Vm-L01120-040 M (sans élastomère d'étanchéité)
T300-N1-D-Vm-L01120-G240 M (sans élastomère d'étanchéité)

**Certificat N° 0063-CDP-52977/2**
Désignation technique du produit selon EN 1856-2 :2009
La désignation couvre tous les éléments simple paroi "Ligne Pellet" et elle a été définie comme suit:
Conduit de fumée avec fonctionnement en pression positive P1:
EN 1856-2 T200-P1-W-V2-L01120-G240 M (système avec élastomère d'étanchéité)
EN 1856-2 T200-P1-W-V2-L01120-040 M (système avec élastomère d'étanchéité - gaz)
EN 1856-2 T200-P1-W-V2-L01120-010 M (système avec élastomère d'étanchéité - gaz)
EN 1856-2 T300-P1-W-V2-L01120-040 M (système avec élastomère d'étanchéité en viton)

**Explication de la désignation :**
EN 1856-2: règlement de référence
T200/300: classe de température
P1: classe de pression en pression positive
W: résistance à l'humidité (W: humide - D: sec)
V2: résistance à la corrosion
L01: spécification du matériel utilisé
120: épaisseur du matériel
G240: résistant au feu de suie. La distance minimale des parois inflammables est de 240 mm, le test est effectué à 1000° dans des conditions aérées.
O40: non résistant au feu de suie. La distance minimale des parois de combustibles est de 40 mm, le test est effectué à 1000° dans des conditions aérées.
O10: non résistant au feu de suie. La distance minimale des parois de combustibles est de 10 mm, le test est effectué à 1000° dans des conditions aérées.
M: mésuré

La désignation couvre tous les éléments simple paroi "Ligne Pellet" et elle a été définie comme suit:
Conduit de fumée avec fonctionnement en pression négative N1:
EN 1856-2 T200-N1-W-V2-L01120-G240 M (système sans élastomère - bois)
EN 1856-2 T300-N1-W-V2-L01120-G240 M (système avec élastomère d'étanchéité en viton)

**Explication de la désignation:**
EN 1856-2: règlement de référence
T200/300: classe de température
N1: classe de pression en pression négative
W: résistance à l'humidité (W: humide - D: sec)
V2: résistance à la corrosion
L01: spécification du matériel utilisé
180: épaisseur du matériel
G240: résistant au feu de suie. La distance minimale des parois inflammables est de 240 mm, le test est effectué à 1000° dans des conditions aérées.
M: mésuré

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## T250/500/100 150/2000

### Elemento lineare
*Linear element*
*Elément droit*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | L | |
|---|---|---|---|---|---|---|
| D080T250 | 16,78 | G080T250 | 18,22 | 80 | 250 | 2 |
| D100T250 | 19,91 | G100T250 | 21,60 | 100 | 250 | 2 |
| D080T500 | 20,52 | G080T500 | 22,26 | 80 | 500 | 2 |
| D100T500 | 23,63 | G100T500 | 25,69 | 100 | 500 | 2 |
| D080T100 | 26,75 | G080T100 | 29,03 | 80 | 1000 | 2 |
| D100T100 | 29,85 | G100T100 | 32,39 | 100 | 1000 | 2 |
| D080T150 | 47,25 | G080T150 | 51,25 | 80 | 1500 | 2 |
| D100T150 | 53,88 | G100T150 | 57,88 | 100 | 1500 | 2 |
| D080T2000 | 50,57 | G080T2000 | 57,22 | 80 | 1900 | 2 |
| D100T2000 | 54,69 | G100T2000 | 62,89 | 100 | 1900 | 2 |

## TELE

### Elemento Telescopico
*Telescopic element*
*Elément télescopique*

Ø80 Ø100

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | L | |
|---|---|---|---|---|---|---|
| D080TELE | 28,50 | G080TELE | 32,70 | 80 | 250 | 2 |
| D100TELE | 29,50 | G100TELE | 33,70 | 100 | 250 | 2 |

## C090/90S/902

### Curva a 90°

*90° Bent pipe*
*Coude 90°*

C090

Ø

C90S

Ø

C902

Ø

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | ispezione *inspection inspection* | |
|---|---|---|---|---|---|---|
| D080C090 | 31,08 | G080C090 | 33,73 | 80 | | 2 |
| D100C090 | 36,69 | G100C090 | 39,80 | 100 | | 2 |
| D080C90S | 36,50 | G080C90S | 41,90 | 80 | • | 2 |
| D100C90S | 42,17 | G100C90S | 48,49 | 100 | • | 2 |
| D080C902 | 28,60 | G080C902 | 31,03 | 80 | | 2 |
| D100C902 | 32,95 | G100C902 | 37,89 | 100 | | 2 |

## C045

### Curva a 45°

*45° Bent pipe*
*Coude 45°*

Ø

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080C045 | 28,60 | G080C045 | 31,03 | 80 | 2 |
| D100C045 | 32,95 | G100C045 | 35,75 | 100 | 2 |

## ROSE/ROS3/ROEL/ROSG

## Rosone
*Ring*
*Rosace*

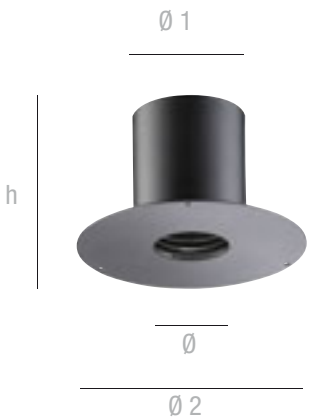
| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | spessore *thickness épaisseur* | |
|---|---|---|---|---|---|---|---|
| D080ROSE | 11,11 | G080ROSE | 12,28 | 80 | 150 | 1,2 mm | 1 |
| D100ROSE | 11,11 | G100ROSE | 12,28 | 100 | 150 | 1,2 mm | 1 |
| D080ROS3 | 14,64 | G080ROS3 | 15,52 | 80 | 200 | 2 mm | 1 |
| D100ROS3 | 14,64 | G100ROS3 | 15,52 | 100 | 200 | 2 mm | 1 |
| D080ROEL | 14,64 | G080ROEL | 15,52 | 80 | 200 | 2 mm | 1 |
| D100ROEL | 14,64 | G100ROEL | 15,52 | 100 | 200 | 2 mm | 1 |
| D080ROSG | 3,77 | - | - | 80 | 145 | gomma | 1 |
| D100ROSG | 4,50 | - | - | 100 | 173 | gomma | 1 |

## RP

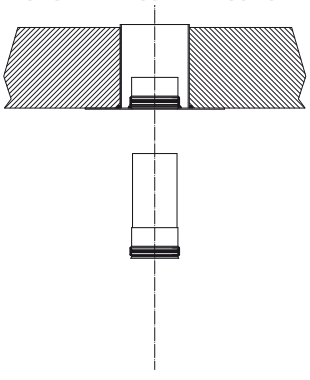
## Raccordo telescopico con rosone
*Adjustable pipe-fitting with ring*
*Raccord télescopique avec rosace*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | Ø 2 | h | |
|---|---|---|---|---|---|---|---|---|
| D08012RP | 62,00 | G08012RP | 71,00 | 80F | 120F | 250 | 150 | 1 |
| D10012RP | 62,00 | G10012RP | 71,00 | 100F | 120F | 250 | 150 | 1 |
| D08013RP | 62,00 | G08013RP | 71,00 | 80F | 130F | 250 | 150 | 1 |
| D10013RP | 62,00 | G10013RP | 71,00 | 100F | 130F | 250 | 150 | 1 |
| D08014RP | 62,00 | G08014RP | 71,00 | 80F | 140F | 250 | 150 | 1 |
| D10014RP | 62,00 | G10014RP | 71,00 | 100F | 140F | 250 | 150 | 1 |
| D08015RP | 62,00 | G08015RP | 71,00 | 80F | 150F | 250 | 150 | 1 |
| D10015RP | 62,00 | G10015RP | 71,00 | 100F | 150F | 250 | 150 | 1 |

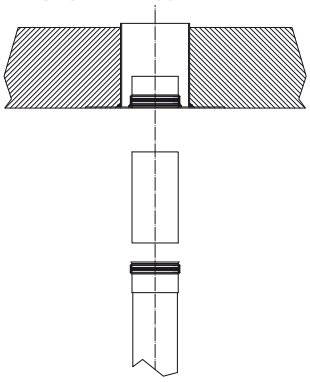
M **maschio** *male mâle*
F **femmina** *female femelle*




SE SI ARRIVA CON IL MASCHIO



SE SI ARRIVA CON LA FEMMINA



## RAMR

### Raccordo a parete completo di rosone
*Wall pipe-fitting with ring*
*Raccord mural avec rosace*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | Ø 2 | h | |
|---|---|---|---|---|---|---|---|---|
| D080RAMR | 34,67 | G080RAMR | 36,41 | 80 | 80 | 200 | 250 | 1 |
| D100RAMR | 34,67 | G100RAMR | 36,41 | 100 | 110 | 200 | 250 | 1 |

## UNICO

### Unico
*Unico*
*Unico*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | |
|---|---|---|---|---|---|---|
| D080UNICO | 35,83 | G080UNICO | 41,22 | 80 | 200 | 1 |
| D100UNICO | 35,83 | G100UNICO | 41,22 | 100 | 200 | 1 |

## RID

### Riduzioni
*Reductions*
*Réductions*

M **maschio** *male mâle*
F **femmina** *female femelle*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø 1 | Ø 2 | |
|---|---|---|---|---|---|---|
| RID100F080M | 27,98 | GRID100F080M | 30,47 | 100F | 80M | 1 |
| RID100M080F | 27,98 | GRID100M080F | 30,47 | 100M | 80F | 1 |
| RID100F080F | 27,98 | GRID100F080F | 30,47 | 100F | 80F | 1 |
| RID120F080M | 27,98 | GRID120F080M | 30,47 | 120F | 80M | 1 |
| RID120M080F | 27,98 | GRID120M080F | 30,47 | 120M | 80F | 1 |
| RID120M080M | 27,98 | GRID120M080M | 30,47 | 120M | 80M | 1 |
| RID120F080F | 27,98 | GRID120F080F | 30,47 | 120F | 80F | 1 |

## RACT

### Raccordo a “T” femmina-femmina

*“T” pipe fitting female-female*

*Raccord en «T» femelle-femelle*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080RACT | 40,41 | G080RACT | 43,85 | 80 | 1 |
| D100RACT | 47,87 | G100RACT | 51,94 | 100 | 1 |

## RACM

### Raccordo a “T” femmina-maschio

*“T” pipe fitting female-male*

*Raccord en «T» femelle-mâle*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080RACM | 40,41 | G080RACM | 43,85 | 80 | 1 |
| D100RACM | 47,87 | G100RACM | 51,94 | 100 | 1 |

## RAMM

### Raccordo a “T” maschio-femmina
*“T” pipe fitting male-female*
*Raccord en «T» mâle-femelle*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080RAMM | 40,41 | G080RAMM | 43,85 | 80 | 1 |
| D100RAMM | 47,87 | G100RAMM | 51,94 | 100 | 1 |

## RA3M

### Raccordo a “T” maschio
*“T” pipe fitting male*
*Raccord en «T» mâle*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080RA3M | 40,41 | G080RA3M* | 43,85 | 80 | 1 |
| D100RA3M | 47,87 | - | - | 100 | 1 |

*** Fino ad esaurimento - *While stocks last - Jusqu’à épuisement***

## RACS

### Raccordo a “T” femmina-femmina con chiusura ermetica

*“T” pipe fitting female-female with air-tight closure*

*Raccord en «T» femelle-femelle avec fermeture hermétique*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080RACS | 42,30 | G080RACS | 46,64 | 80 | 1 |
| D100RACS | 48,23 | G100RACS | 55,46 | 100 | 1 |

## T90R

### Raccordo a “T” ridotto

*Reduced “T” pipe fitting*

*Raccord en «T» réduit*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D100T90R | 69,00 | - | - | 100 | 1 |

## TAPP

### Tappo cieco per raccordo a “T”

*Blind cap for “T” pipe fitting*

*Bouchon avengle pour raccord en “T”*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080TAPP | 13,40 | G080TAPP | 15,40 | 80 | 1 |
| D100TAPP | 16,50 | G100TAPP | 19,00 | 100 | 1 |

## RACY

### Raccordo a “Y”
*“Y” pipe fitting*
*Raccord en “Y”*

| codice NERO<br>*BLACK code*<br>*code NOIR* | € | codice GRIGIO<br>*GREY code*<br>*code GRIS* | € | Ø 1 | Ø 2 | i | |
|---|---|---|---|---|---|---|---|
| D080RACY | 79,50 | G080RACY | 88,00 | 80 | 100 | 104,5 | 1 |

## GUAR

### Guarnizione
*Gasket*
*Joint*

GUARNIZIONE IN SILICONE NERO RESISTENTE FINO A 200°
*Black silicone gasket resistant up to 200°*
*Joint au silicone noire résistant jusquà 200°*

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| D080GUAR | 1,60 | 80 | 1 |
| D100GUAR | 1,80 | 100 | 1 |

## GUAN

### Guarnizione
*Gasket*
*Joint*

GUARNIZIONE IN VITON VERDE RESISTENTE FINO A 300°
*Green viton gasket resistant up to 300°*
*Joint au viton vert résistant jusqu’à 300°*

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| D080GUAN | 3,50 | 80 | 1 |
| D100GUAN | 3,80 | 100 | 1 |

## CAPE/CAP1

# Terminali
*Ending parts*
*Terminals*

CAPE

CAP1

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| J080CAPE | 38,52 | 80 | 1 |
| J100CAPE | 40,48 | 100 | 1 |
| J080CAP1 | 20,24 | 80 | 1 |
| J100CAP1 | 22,76 | 100 | 1 |

**acciaio inox** *stainless steel acier inox*

## TERM

# Terminale di scarico a becco
*Beak discharge ending part*
*Terminal de décharge à bec*

| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I080TERM | 48,30 | 80 | 304 | 1 |
| I100TERM | 54,60 | 100 | 304 | 1 |

## FASC

### Fascetta reggitubo
*Support pipe clip*
*Collier soutien tuyaux*

Ø

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| FASCD080 | 11,20 | FASCG080 | 12,45 | 80 | 1 |
| FASCD100 | 11,20 | FASCG100 | 12,45 | 100 | 1 |

## FLEG

### Fascetta reggitubo
*Support pipe clip*
*Collier soutien tuyaux*

Ø

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080FLEG | 8,30 | G080FLEG | 9,50 | 80 | 1 |
| D100FLEG | 8,50 | G100FLEG | 9,80 | 100 | 1 |

## MAFE

### Manicotto femm/femm
*Muff female/female*
*Manchon femelle/femelle*

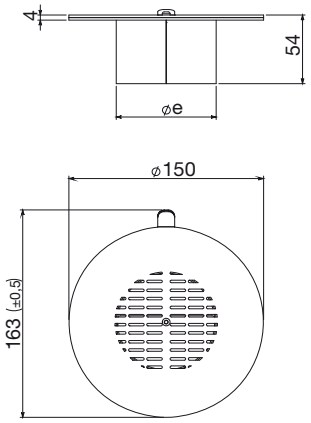
| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D080MAFE | 18,66 | G080MAFE | 20,24 | 80 | 2 |
| D100MAFE | 22,28 | G100MAFE | 24,16 | 100 | 2 |

## BOCC

### Bocchetta per stufe canalizzate

*Nozzle for ducted air stoves*

*Bouche pour poêles á air canalisé*




| codice NERO *BLACK code code NOIR* | € | codice BIANCO *WHITE code code BLANC* | € | Øe | |
|---|---|---|---|---|---|
| D080BOCC | 55,00 | W080BOCC | 55,00 | 77 | 1 |
| D100BOCC | 58,00 | W100BOCC | 58,00 | 97 | 1 |

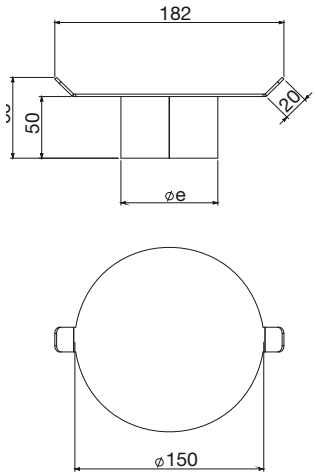
## BOCT

### Tappo per chiusura rosone

*Cap for closing ring*

*Bouchon ferme rosace*

**Fino ad esaurimento - *While stocks last - Jusqu'à épuisement***




| codice NERO *BLACK code code NOIR* | € | Øe | |
|---|---|---|---|
| D080BOCT | 45,00 | 77 | 1 |
| D100BOCT | 48,00 | 97 | 1 |

## TFSI

### Tubo flex rosso in silicone per alte temperature -60°C +270°C

*Silicone red flex pipe for high temperatures -60°C +270°C*

*Tuyou rouge flexible en silicone pour hautes temperatures -60°C +270°C*

| codice *code code* | € | Ø | |
|---|---|---|---|
| D080TFSI | 160,00 | 80 | 4 mt |

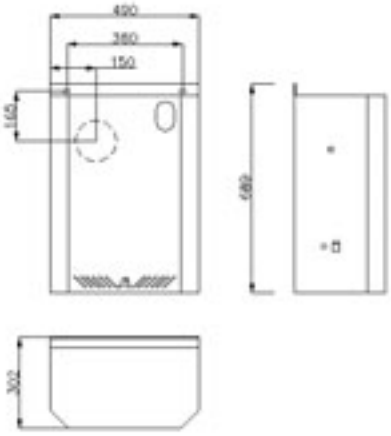
# FU01

## Mangiafumo
*Smoke-eater*
*Boite a fumée*

**Fino ad esaurimento - *While stocks last - Jusqu'à épuisement***

Abbattitore di polveri sottili
*Micro dust laying*
*Piege de micropoussières*

D080FU01 (dx)




| codice<br>*code*<br>*code* | € | h | l | p |
|---|---|---|---|---|
| D080FU01 | 420,00 | 689 | 490 | 302 |

**RICAMBI / SPARE PARTS / PIECES DE RECHANGE**

| codice<br>*code*<br>*code* | € | descrizione<br>*description*<br>*description* |
|---|---|---|
| D080FU01R01 | 152,00 | pompa / pump / pompe |
| D080FU01R02 | 4,90 | filtro ugello / nozzle filter / filtre tuyère |
| D080FU01R03 | 26,20 | portafiltro completo di filtro<br>filter holder complete with filter<br>porte-filtre complet avec filtre |
| D080FU01R04 | 9,90 | filtro a cartuccia / cartridge filter / cartouches filtrantes |
| D080FU01R05 | 6,90 | ugello a cono 85° / 85° cone nozzle / tuyère à cône 85° |
| D080FU01R06 | 8,00 | portaugello fisso 1/4" G<br>fixed nozzle holder 1/4" G<br>porte tuyère fixe 1/4" G |

# Tutta la forza della leggerezza

# Linea **Slim**

## Caratteristiche tecniche

- Acciaio inox AISI 316 L spessore 0,5 mm
- Disponibile nel diametro 100
- Guarnizione in fibra di vetro
- Saldatura longitudinale al laser
- Tutte le curve sono saldate con un nuovo sistema al tig con processo automatico
- Connessione tra le parti a scomparsa con aggancio meccanico che rende l'installazione lineare
- Verniciatura siliconica liquida resistente alle alte temperature e anti graffio
- La vernice subisce una fase di cottura che fa sì che la stessa aggrappi al meglio al prodotto e diventi molto resistente
- Nel caso si debbano effettuare tagli, forniamo delle bombolette per i ritocchi

**Applicazioni**: canale da fumo per uso interno

## Technical features

- Stainless steel AISI 316L thickness 0,5 mm
- Available in diameter 100
- Gasket in glass fiber
- Longitudinal laser welding
- All bends are welded by the new system TIG with automatic process
- Rollaway connection between parties with mechanic coupling that makes installation linear
- Liquid silicone painting, resistant to high temperatures and anti-scratch
- The paint undergoes a phase of baking, which permits it to cling better to the product and to become very resistant.
- We provide spray cans for touch-ups in case you have to make cuts on the pipes.

**Applications**: Flue pipe for internal use

## Caractéristiques techniques

- Acier inox 316L épaisseur 0,5 mm
- Disponible en diamètre 100
- Joint en fibre de verre
- Soudure longitudinale au laser
- Toutes les coudes sont soudées par le nouveau système au TIG avec processus automatique
- Emboitement entre les côtés qui disparue, avec attelage mécanique, qui rend l'installation linéaire
- Peinture siliconique à liquide, qui est résistante aux hautes températures et anti-rayures
- La peinture subit une phase de cuisson, qui lui permet de se bien attacher au produit et de devenir très résistante.
- Dans le cas il soit nécessaire de faire des coupements aux tuyaux, nous fournissons des bombes de couleur spray pour les retouches.

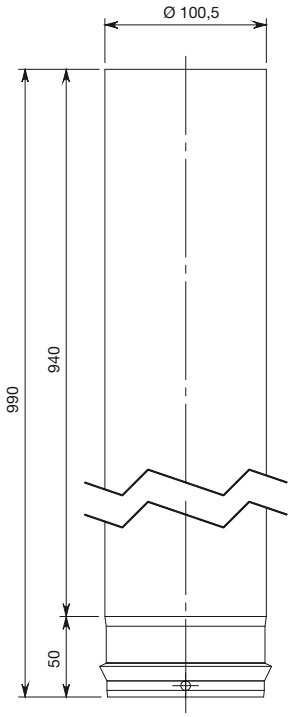
**Application**: Conduit de fumée à usage interne

## T100

# Elemento lineare T100

*Linear element T100*

*Elément droit T100*



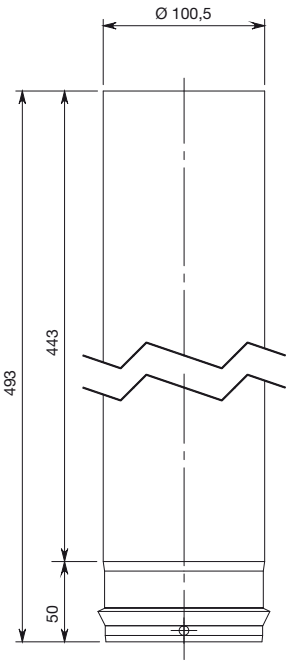

| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| S100T100 | 36,41 | 100 | 1000 | 2 |

## T500

# Elemento lineare T500

*Linear element T500*

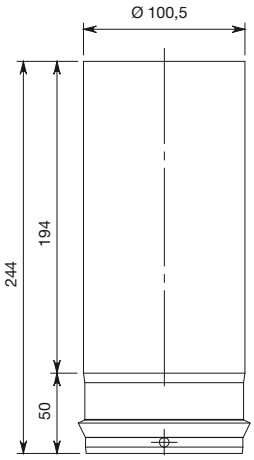
*Elément droit T500*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| S100T500 | 27,68 | 100 | 500 | 2 |

## T250

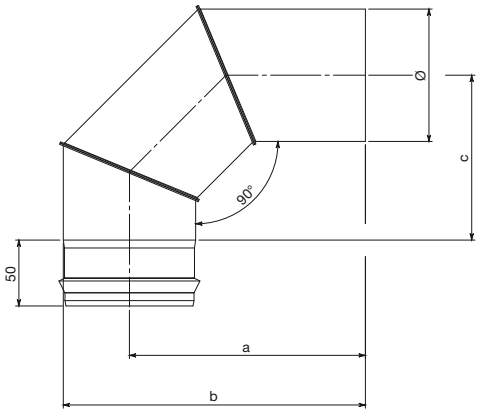
### Elemento lineare T250
*Linear element T250*
*Elément droit T250*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| S100T250 | 21,01 | 100 | 250 | 2 |

## C090

### Curva a 90°
*90° Bent pipe*
*Coude 90°*



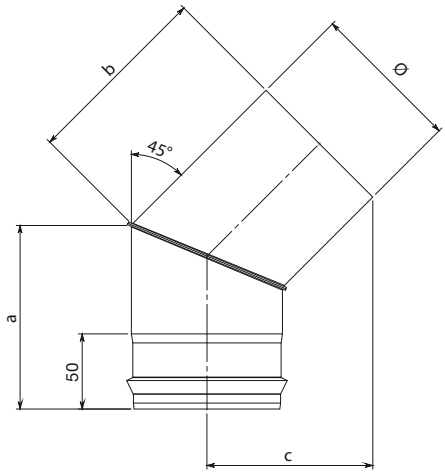

| codice<br>*code*<br>*code* | € | Ø | a | b | c | |
|---|---|---|---|---|---|---|
| S100C090 | 39,79 | 100 | 179 | 229 | 125 | 2 |

## C045

## Curva a 45°

*45° Bent pipe*

*Coude 45°*



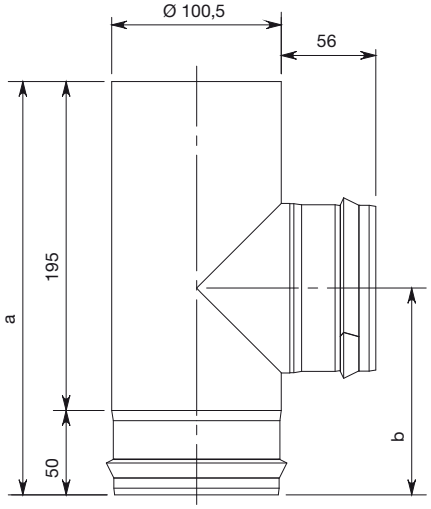

| codice<br>*code*<br>*code* | € | Ø | a | b | c | |
|---|---|---|---|---|---|---|
| S100C045 | 33,34 | 100 | 122 | 126 | 110 | 2 |

## RAMM

## Raccordo a “T” maschio-femmina

*“T” pipe fitting male-female*

*Raccord en “T” mâle-femelle*



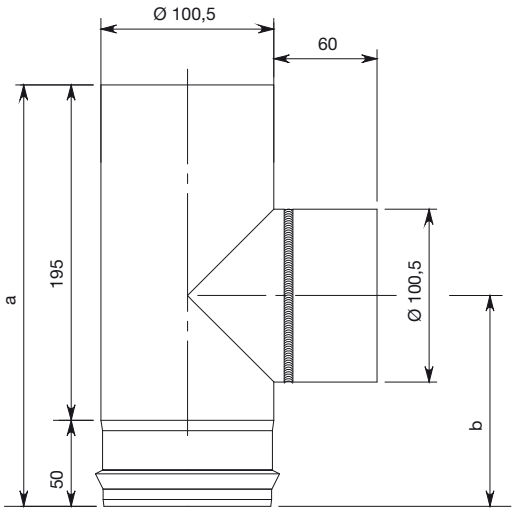

| codice<br>*code*<br>*code* | € | Ø | a | b | |
|---|---|---|---|---|---|
| S100RAMM | 56,62 | 100 | 245 | 122,5 | 1 |

## RACT

# Raccordo a “T” femmina-femmina

*“T” pipe fitting female-female*

*Raccord en “T” femelle-femelle*



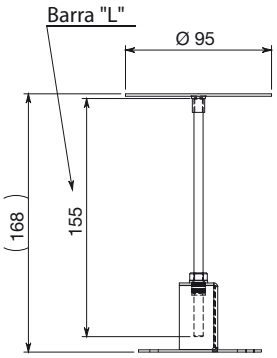

| codice *code code* | € | Ø | a | b | |
|---|---|---|---|---|---|
| S100RACT | 56,62 | 100 | 245 | 122,5 | 1 |

## PIE2

# Piedistallo di sostegno per raccordo a “T”

*Support pedestal for “T” pipe fitting*

*Piédestal de support pour raccord en “T”*




| codice *code code* | € | Ø | L | |
|---|---|---|---|---|
| D100PIE2 | 29,00 | 100 | 50-195 | 1 |

| L (mm) | “Hb” * |
|---|---|
| 155 | da 330 a 295 |
| 120 | da 295 a 260 |
| 85 | da 260 a 225 |
| 50 | da 225 a 190 |

Il piedistallo deve essere posizionato a terra sotto il tappo del raccordo a “T” per sostenere tutta l’installazione realizzata con la linea slim. Tagliare manualmente in base all’interasse “Hb”

*The pedestal should be placed on the soil under the cap of the “T” pipe fitting, to support all the Slim line installation. Cut according to center-to-center distance “Hb”*

*Le piédestal doit être placé par terre sous le bouchon du raccord en “T”, pour soutenir toute l’installation réalisée avec la gamme Slim. Couper selon la distance entre les deux axes “Hb”*

** Hb:* vedi schema di montaggio a pag. 81

** Hb: see assembly scheme at page 81*

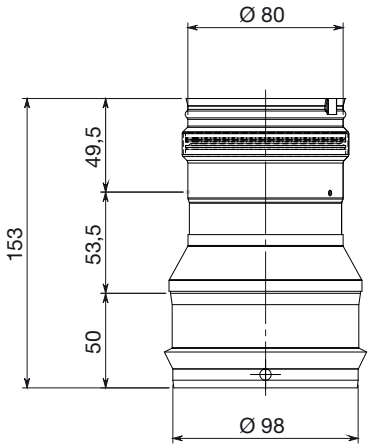
** Hb: voir le schèma de montage à la page 81*

## MC03

# Adattatore (pellet femm. / slim masc.)

*Adaptor (pellet female / slim male)*

*Adaptateur (pellet femelle / slim mâle)*



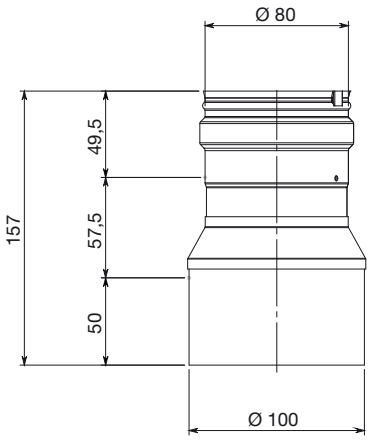

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| S080MC03 | 29,90 | 80F | 100M | 1 |

## MC04

# Adattatore (pellet femm. / slim femm.)

*Adaptor (pellet female / slim female)*

*Adaptateur (pellet femelle / slim femelle)*



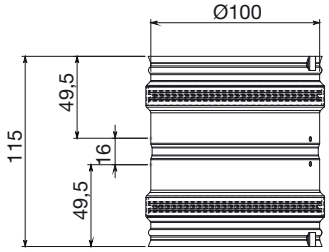

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| S080MC04 | 29,90 | 80F | 100F | 1 |

## MC05

# Manicotto F/F

*Muff F/F*

*Manchon F/F*

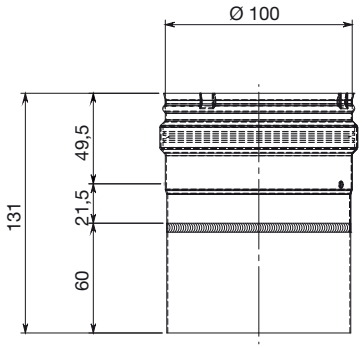



| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| B100MC05 | 29,90 | 100F | 100F | 1 |

## MC06

## Adattatore (pellet femm. / slim femm.)

*Adaptor (pellet female / slim female)*
*Adaptateur (pellet femelle / slim femelle)*

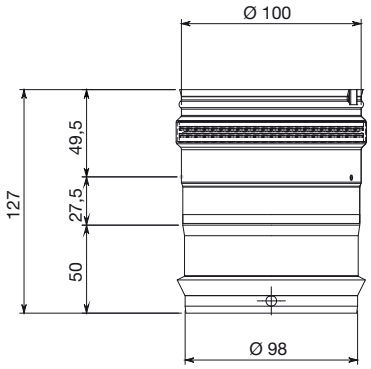



| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| S100MC06 | 29,90 | 100F | 100F | 1 |

## MC07

## Adattatore (pellet femm. / slim masc.)

*Adaptor (pellet female / slim male)*
*Adaptateur (pellet femelle / slim mâle)*

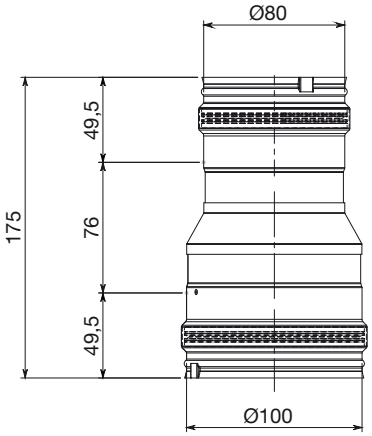



| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| S100MC07 | 29,90 | 100F | 100M | 1 |

## BR

## Riduttore maggioratore F/F

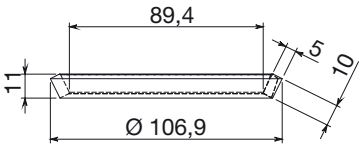
*Reduction enlargement F/F*
*Réduction augmentation F/F*




| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| BR080F100F | 29,90 | 80F | 100F | 1 |

## GUAR

## Guarnizione
*Gasket*
*Joint*




| codice *code code* | € | Ø | |
|---|---|---|---|
| S100GUAR | 1,50 | 100 | 5 |

## ROSE/ROS3/ROEL/ROSG

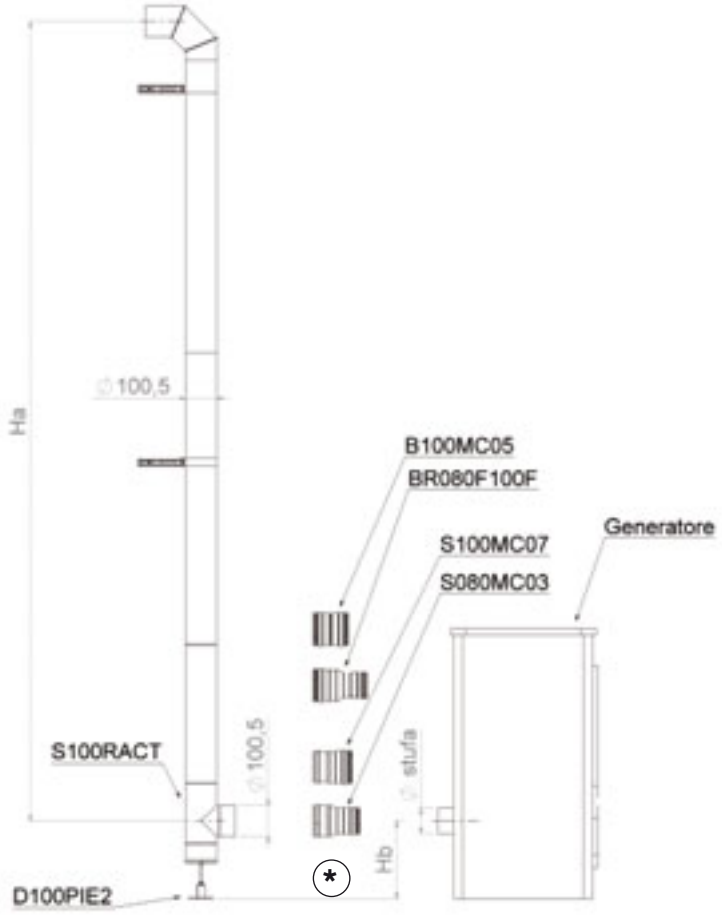
## Rosone
*Ring*
*Rosace*

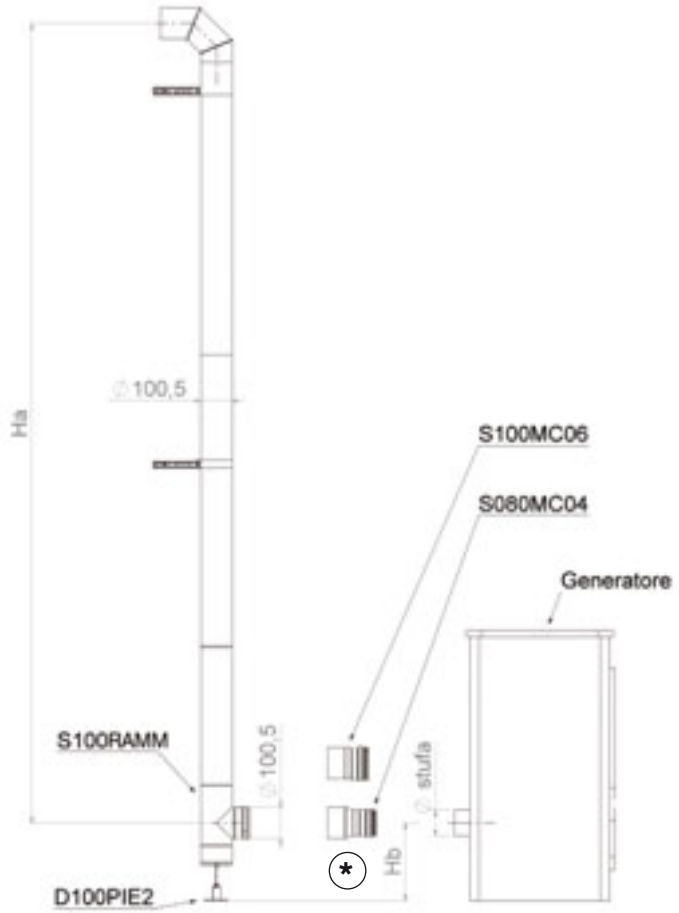
| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | Ø 1 | spessore *thickness épaisseur* | |
|---|---|---|---|---|---|---|---|
| D080ROSE | 11,11 | G080ROSE | 12,28 | 80 | 150 | 1,2 mm | 1 |
| D100ROSE | 11,11 | G100ROSE | 12,28 | 100 | 150 | 1,2 mm | 1 |
| D080ROS3 | 14,64 | G080ROS3 | 15,52 | 80 | 200 | 2 mm | 1 |
| D100ROS3 | 14,64 | G100ROS3 | 15,52 | 100 | 200 | 2 mm | 1 |
| D080ROEL | 14,64 | G080ROEL | 15,52 | 80 | 200 | 2 mm | 1 |
| D100ROEL | 14,64 | G100ROEL | 15,52 | 100 | 200 | 2 mm | 1 |
| D080ROSG | 3,77 | - | - | 80 | 145 | gomma | 1 |
| D100ROSG | 4,50 | - | - | 100 | 173 | gomma | 1 |

## FASC

## Fascetta reggitubo
*Support pipe clip*
*Collier soutien tuyaux*

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| FASCD080 | 11,20 | FASCG080 | 12,45 | 80 | 1 |
| FASCD100 | 11,20 | FASCG100 | 12,45 | 100 | 1 |


Ha
Ø100,5
B100MC05
BR080F100F
S100MC07
S080MC03
Generatore
S100RACT
Ø100,5
Ø stufa
Hb
*
D100PIE2


Ha
Ø100,5
S100MC06
S080MC04
Generatore
S100RAMM
Ø100,5
Ø stufa
Hb
*
D100PIE2

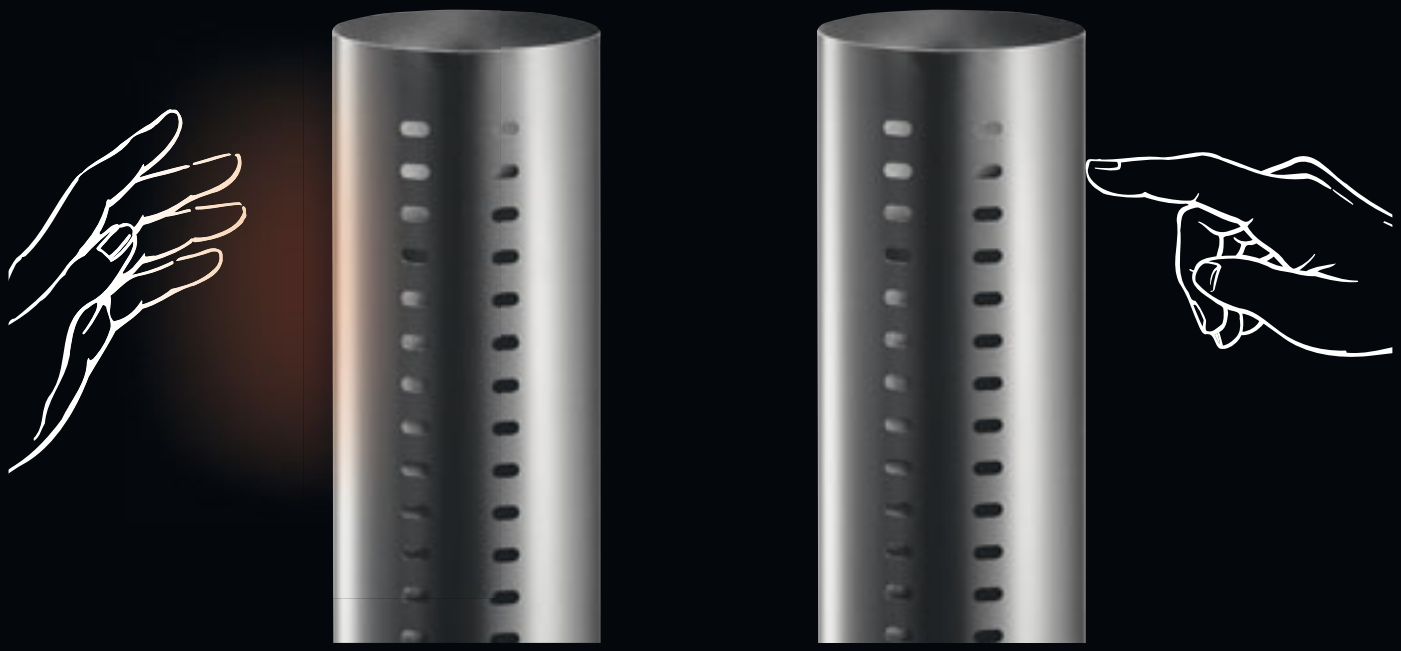
L’innovazione delle nuove tendenze

# Air system®

EN 1856-2: 2009
No. 0063-CPD-52977/2

## + Calore

## + Protezione

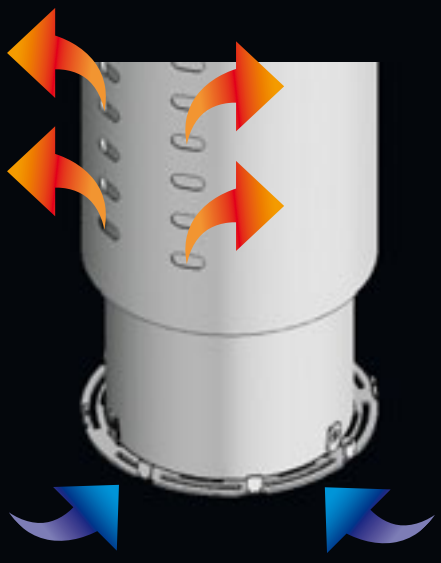


### Air system® *Air system® Air system®*

Sistema brevettato: consente di aumentare l'efficienza calorifera di qualsiasi stufa del 40% utilizzando il calore dei fumi. Consente la protezione al contatto termico per aumentare la sicurezza secondo la normativa EN 1856-2.

*Patented system: it permits to increase the heating efficiency of any stove of 40%, by using the smokes heat.*
*It assures the protection to thermic contact in order to improve safety according to the EN 1856-2 regulation.*

*Système breveté: il permit d'augmenter l'efficience calorifique de n'importe quelle poêle de 40%, en utilisant la chaleur des fumées.*
*Il assure la protection au contact thermique pour améliorer la sûreté selon la disposition EN 1856-2.*



# Certificazione
# CE (EN 1856-2:2009)

kiwa
Partner for progress

Certificato

EC-CERTIFICATE OF FACTORY PRODUCTION CONTROL
CERTIFICATO CE DEL CONTROLLO DEL PROCESSO DI FABBRICA

AoC-level 2+

AFROS S.r.l.

# T100/750/500/300/250 Tubo aerato

*Aired pipe*
*Tuyau aéré*

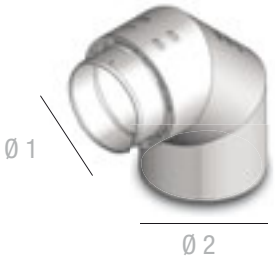
| codice<br>*code*<br>*code* | € | Ø 1 | Ø 2 | h | |
|---|---|---|---|---|---|
| AS0810T100 | 43,38 | 80-100 | 130 | 1000 | 1 |
| AS1312T100 | 44,28 | 130-120 | 164 | 1000 | 1 |
| AS1514T100 | 47,66 | 150-140 | 184 | 1000 | 1 |
| AS0180T100 | 52,00 | 180 | 214 | 1000 | 1 |
| AS0200T100 | 52,00 | 200 | 234 | 1000 | 1 |
| AS1312T750 | 37,58 | 130-120 | 164 | 750 | 1 |
| AS1514T750 | 38,37 | 150-140 | 184 | 750 | 1 |
| AS0180T750 | 41,59 | 180 | 214 | 750 | 1 |
| AS0200T750 | 41,59 | 200 | 234 | 750 | 1 |
| AS1312T300 | 22,19 | 130-120 | 164 | 300 | 1 |
| AS1514T300 | 22,39 | 150-140 | 184 | 300 | 1 |
| AS0180T300 | 25,29 | 180 | 214 | 300 | 1 |
| AS0200T300 | 25,29 | 200 | 234 | 300 | 1 |
| AS0810T500 | 29,71 | 80-100 | 130 | 500 | 1 |
| AS1312T500 | 31,14 | 130-120 | 164 | 500 | 1 |
| AS1514T500 | 31,34 | 150-140 | 184 | 500 | 1 |
| AS0180T500 | 33,92 | 180 | 214 | 500 | 1 |
| AS0200T500 | 33,92 | 200 | 234 | 500 | 1 |
| AS0810T250 | 19,56 | 80-100 | 130 | 250 | 1 |
| AS1312T250 | 19,94 | 130-120 | 164 | 250 | 1 |
| AS1514T250 | 20,09 | 150-140 | 184 | 250 | 1 |
| AS0180T250 | 23,98 | 180 | 214 | 250 | 1 |
| AS0200T250 | 23,98 | 200 | 234 | 250 | 1 |

Spessore *Thickness Epaisseur* 0,8 mm

## C090/045

## Curva a 90° e a 45°

*90° and 45° bent pipe*
*Coude 90° et 45°*



| codice *code code* | € | Ø 1 | Ø 2 | |
|---|---|---|---|---|
| AS0810C090 | 43,02 | 80-100 | 130 | 1 |
| AS1312C090 | 43,57 | 130-120 | 164 | 1 |
| AS1514C090 | 44,01 | 150-140 | 184 | 1 |
| AS0180C090 | 46,19 | 180 | 214 | 1 |
| AS0200C090 | 46,19 | 200 | 234 | 1 |
| | | | | |
| AS0810C045 | 36,23 | 80-100 | 130 | 1 |
| AS1312C045 | 36,86 | 130-120 | 164 | 1 |
| AS1514C045 | 37,37 | 150-140 | 184 | 1 |
| AS0180C045 | 39,99 | 180 | 214 | 1 |
| AS0200C045 | 39,99 | 200 | 234 | 1 |

## KITFL

## Kit flangia

*Coupling flange kit*
*Kit bride*

| codice *code code* | € | Ø | |
|---|---|---|---|
| AS080KITFL | 20,50 | 80 | 2 |
| AS100KITFL | 20,50 | 100 | 2 |
| AS120KITFL | 21,21 | 120 | 2 |
| AS130KITFL | 21,21 | 130 | 2 |
| AS140KITFL | 21,53 | 140 | 2 |
| AS150KITFL | 21,53 | 150 | 2 |
| AS180KITFL | 26,15 | 180 | 2 |
| AS200KITFL | 26,15 | 200 | 2 |

Spessore *Thickness Epaisseur* 0,8 mm

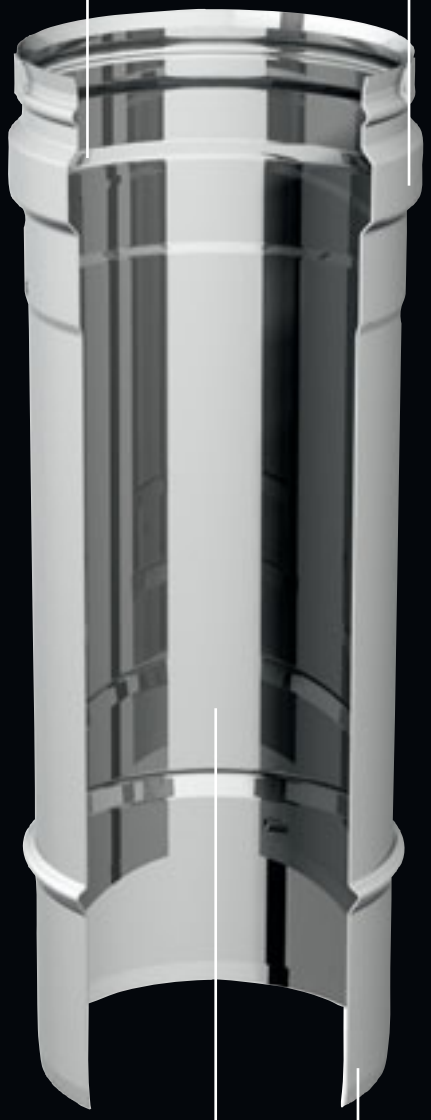
La potenza dell’acciaio

# Dynamic **One**

EN 1856-2: 2009
No. 0063-CPD-52977/2

# Acciaio inox monoparete AISI 316L

**Applicazioni:**
Evacuazione fumi per funzionamento a secco o a umido in pressione P1 (con guarnizione) e N1 (senza guarnizione).
Evacuazione dei prodotti di ventilazione.
**Caratteristiche tecniche:**
Acciaio inox AISI 316 L spessore 0,5 mm.
Disponibile nei diametri: 80-100-120
130-140-150-160-180-200-220-250 300-350-400
Saldatura longitudinale al laser.
Tutte le curve sono saldate con il nuovo sistema al TIG con processo automatico.
Imbocco con particolare sistema “click-clack”, questo sistema viene applicato dal diam. 80 al diam. 200 compreso.
Guarnizione siliconica nera a triplo labbro che assicura una ottima tenuta tra le due giunzioni (in dotazione fino al diam. 180 compreso).
**Accessori:**
Fascetta di bloccaggio consigliata e fornita su richiesta.
**Temperatura di esercizio:**
Max 200°: con guarnizione siliconica (pressione P1 – 200 Pa).
Max 600°: senza guarnizione siliconica (pressione N1 – 40 Pa).
**Certificazione:**
CE (EN 1856-2)
**Designazione tecnica:**
T200-P1-W-V2-L50050-O70 M (sistema con elastomero di tenuta)
T600-N1-D-V2-L50050-O350 M (sistema senza elastomero di tenuta)
T600-N1-D-V2-L50050-G520 M (sistema senza elastomero di tenuta)
Certificato N° 0063-CPD-52977/2



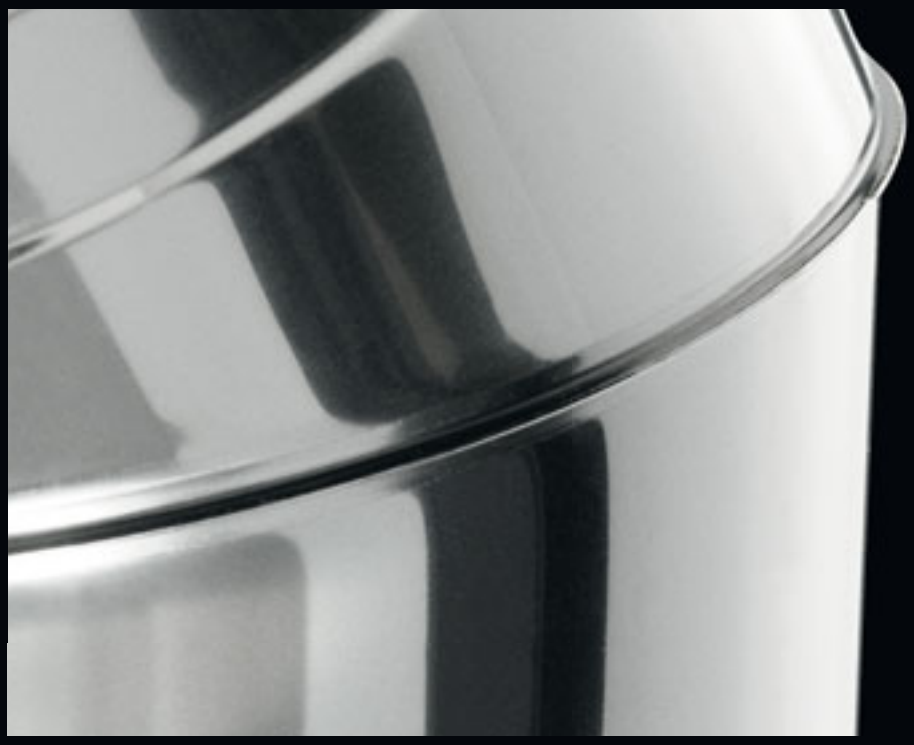
# Inox stainless steel single wall AISI 316 L

***Applications:***
*Fumes discharge for dry and wet working conditions under pressure P1 (with gasket) and N1 (without gasket).*
*Discharge of ventilation products.*
***Technical features:***
*Inox stainless steel AISI 316 L thickness 0,5 mm.*
*Available diameters: 80-100-120-130-140-150 160 -180-200 -220-250-300-350-400.*
*Longitudinal welding by laser process.*
*All bends are welded by the new system TIG.*
*Mouth with particular system "click-clack", this system is applied from diam. 80 to diam. 200 included.*
*"Triple lip" black silicone e gasket which assures a perfect tightness between the two hose couplings (standard up to diam. 180 included).*
***Accessories:***
*Locking clamp, recommended and provided on request.*
***Working temperature:***
*Max 200°: with silicone e gasket (pressure N1 - 200 Pa).*
*Max 600°: without silicone e gasket (pressure P1 - 40 Pa).*
***Certification:***
*CE (EN 1856-2)*
***Technical specifications:***
*T200-P1-W-V2-L50050-O70 M (with gasket)*
*T600-N1-D-V2-L50050-O350 M (without gasket)*
*T600-N1-D-V2-L50050-G520 M (without gasket)*
*Certification N° 0063-CPD-52977/2*

# Tuyaux inox simple paroi AISI 316 L

***Applications:***
*Evacuation des fumées pour fonctionnement à sec ou humide en pression P1 (avec joint) et N1 (sans joint).*
*Evacuation des produits de ventilation.*
***Caractéristiques techniques:***
*Acier inox AISI 316 L épaisseur 0,5 mm.*
*Diamètres disponibles: 80-100-120-130-140 150-160-180-200-220-250-300-350-400.*
*Soudure longitudinale au laser.*
*Toutes les coudes sont soudées par le nouveau système au TIG.*
*Embouchure avec système particulier "click-clack", ce système est appliqué du diam. 80 au diam. 200 inclus.*
*Joint au silicone noir à triple lèvre qui assure une bonne étanchéité entre les deux jonctions (fourni jusqu'au diam. 180 inclus).*
***Accessoires:***
*Collier de blocage recommandé et fourni sur demande.*
***Température d'exercice:***
*Max 200°:avec joint au silicone (pression P1 - 200 Pa).*
*Max 600°:sans joint au silicone (pression N1 - 40 Pa).*
***Certification:***
*CE (EN 1856-2)*
***Désignation technique:***
*T200-P1-W-V2-L50050-O70 M (avec joint)*
*T600-N1-D-V2-L50050-O350 M (sans joint)*
*T600-N1-D-V2-L50050-G520 M (sans joint)*
*Certification N° 0063-CPD-52977/2*

# Designazione tecnica



Saldatura sistema laser + TIG
*Welding system laser + TIG*
*Soudage système laser + TIG*

**Designazione tecnica del prodotto secondo EN 1856-2:2009**
La designazione riguarda tutti gli elementi mono parete e sono state così definite:
Condotto fumario con funzionamento in pressione positiva P1:
EN 1856-2 T200-P1-W-V2-L50050-O70 M
(sistema con elastomero di tenuta)
Spiegazione designazione:
EN 1856-2: normativa di riferimento
T200: classe di temperatura
P1: classe di pressione in pressione positiva
W: resistenza alla condensa (W: umido D: secco)
V2: resistenza alla corrosione
L50: specifica del materiale utilizzato (aisi 316 L)
O50: spessore del materiale 0,50 mm
O70: non resistente all'incendio di fuliggine.
Distanza minima dalle pareti infiammabili è di 70 mm
M: misurato

Condotto fumario con funzionamento in pressione negativa N1:
EN 1856-2 T600-N1-D-V2-L50050-O350 M
(sistema senza elastomero di tenuta)
EN 1856-2 T600-N1-D-V2-L50050-G520 M
(sistema senza elastomero di tenuta)
**Spiegazione designazione:**
EN 1856-2: normativa di riferimento
T600: classe di temperatura
N1: classe di pressione in pressione negativa
W: resistenza alla condensa (W: umido D: secco)
V2: resistenza alla corrosione
L50: specifica del materiale utilizzato (aisi 316 L)
O50: spessore del materiale 0,50 mm
O350: non resistente all'incendio di fuliggine.
Distanza minima dalle pareti infiammabili è di 350 mm
G520: resistente all'incendio di fuliggine.
Distanza minima dalle pareti infiammabili è di 520 mm
M: misurato

Particolare dell'imbocco con il nostro sistema "clic-clak".
Questo sistema viene applicato su tutti i prodotti acciaio inox dal diam. 80 al diam. 200

*Inlet detail for our "clic-clak" system. This system is applied on all stainless steel products from diam. 80 to diam. 200.*

*Détail de l'embouchure avec notre système "clic-clak". Ce système est appliqué à tous les produits en acier inox du diam. 80 au diam. 200.*

EN 1856-2: 2009
No. 0063-CPD-52977/2

# Technical specification

kiwa
Partner for progress

***Technical specification of the product according to EN 1856-2:2009***

*The specification covers all single wall elements and it was defined in such way:*

***Smoke flue operating with positive pressure P1:***
***EN 1856-2 T200-P1-W-V2-L50050-070 M (system with seal elastomer).***

*Explanation of the specification:*
***EN 1856-2:*** *rule of reference*
***T200:*** *temperature class*
***P1:*** *class of pressure in positive pressure*
***W:*** *resistance to condensation (W: wet D: dry)*
***V2:*** *resistance to corrosion*
***L50:*** *specification of the material (AISI 316L)*
***050:*** *thickness of the material 0,50 mm*
***070:*** *not resistant to fire soot. Minimum distance from combustible walls is 70 mm*
***M:*** *measured*

***Smoke flue operating with negative pressure N1:***
***EN 1856-2 T600-N1-D-V2-L50050-0350 M (system without seal elastomer)***
***EN 1856-2 T600-N1-D-V2-L50050-G520 M (system without seal elastomer)***

***Explanation of the specification:***
***EN 1856-2:*** *rule of reference*
***T600:*** *temperature class*
***N1:*** *class of pressure in negative pressure*
***W:*** *resistance to condensation (W: wet D: dry)*
***V2:*** *resistance to corrosion*
***L50:*** *specification of the material (AISI 316L)*
***050:*** *thickness of the material 0,50 mm*
***0350:*** *not resistant to fire soot. Minimum distance from combustible walls is 350 mm*
***G520:*** *resistant to fire soot. Minimum distance from combustible walls is 520 mm*
***M:*** *measured*

Certificato
kiwa
Partner for progress
EC-CERTIFICATE OF FACTORY PRODUCTION CONTROL
CERTIFICATO CE DEL CONTROLLO DEL PROCESSO DI FABBRICA
AoC-level 2+
APROS S.r.l.
GASTEC
0063

CE No.0063-CPD-52977/2
APROS srl
Via Lago del Centro Cadore, 3 -
35010 S. Giorgio delle Pertiche (PD)
Canale da fumo rigido mono parete
in acciaio inox DYNAMIC ONE
EN 1856-2:2009
T200-P1-W-V2-L50050-O70 M
T600-N1-D-V2-L50050-O350 M
T600-N1-D-V2-L50050-G520 M

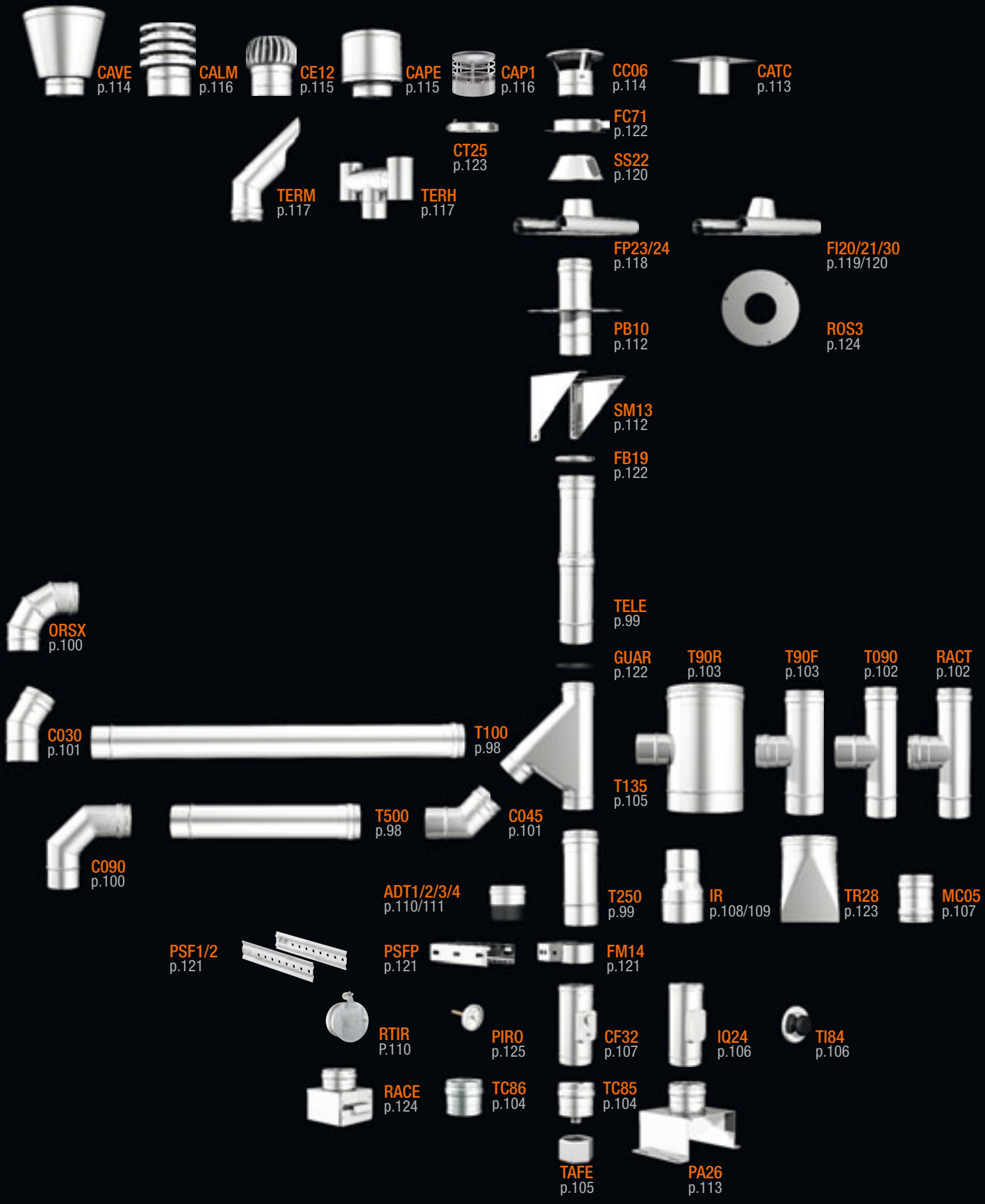
EN 1856-2: 2009
No. 0063-CPD-52977/2

# Désignation technique

***Désignation technique du produit selon EN 1856 - 2 2009***
*La désignation couvre tous les éléments simple paroi et elle a été définie de cette manière:*
***Conduit de fumée avec fonctionnement en pression positive P1 :***
***EN 1856-2 T200-P1-W-V2-L50050-070 M***
***(système avec élastomère de tenue)***
*Explication de la désignation:*
***EN 1856-2:*** *norme de référence*
***T200:*** *classe de température*
***P1:*** *classe de pression en pression positive*
***W:*** *résistance à la condensation (W: humide D: sec)*
***V2:*** *résistance à la corrosion*
***L50:*** *détail du matériel utilisé (AISI 316L)*
***050:*** *épaisseur du matériel 0,50 mm*
***070:*** *non résistant au feu de suie. La distance minimale des parois combustibles est de 70 mm*
*M: mésuré*

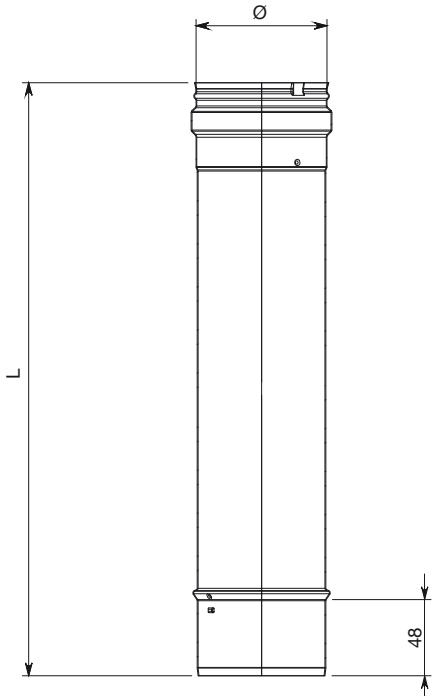
***Conduit de fumée avec fonctionnement en pression négative N1:***
***EN 1856-2 T600-N1-D-V2-L50050-0350 M***
***(système sans élastomère de tenue)***
***EN 1856-2 T600-N1-D-V2-L50050-G520 M***
***(système sans élastomère de tenue)***
***Explication de la désignation:***
***EN 1856-2:*** *norme de référence*
***T600:*** *classe de température*
***N1:*** *classe de pression en pression négative*
***W:*** *résistance à la condensation (W : humide D : sec)*
***V2:*** *résistance à la corrosion*
***L50:*** *détail du matériel utilisé (AISI 316L)*
***050:*** *épaisseur du matériel 0,50 mm*
***0350:*** *non résistant au feu de suie. La distance minimale des parois combustibles est de 350 mm*
***G520:*** *résistant au feu de suie. La distance minimale des parois combustibles est de 520 mm*
*M: mésuré*

## *Schéma de montage* *Assembling scheme* Schema di montaggio



## T100

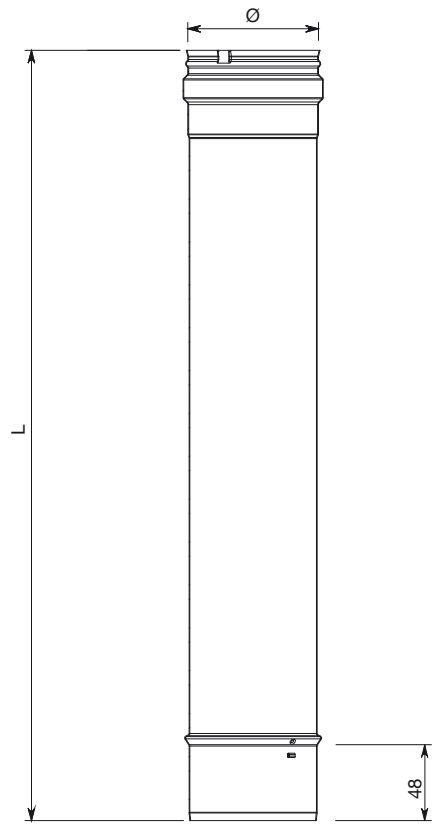
### Elemento lineare T100
*Linear element T100*
*Elément droit T100*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I080T100 | 21,44 | 80 | 1000 | 1 |
| I100T100 | 25,48 | 100 | 1000 | 1 |
| I120T100 | 29,13 | 120 | 1000 | 1 |
| I130T100 | 31,16 | 130 | 1000 | 1 |
| I140T100 | 33,14 | 140 | 1000 | 1 |
| I150T100 | 35,00 | 150 | 1000 | 1 |
| I160T100 | 36,84 | 160 | 1000 | 1 |
| I180T100 | 40,36 | 180 | 1000 | 1 |
| I200T100 | 44,42 | 200 | 1000 | 1 |
| I220T100 | 56,67 | 220 | 1000 | 1 |
| I250T100 | 59,13 | 250 | 1000 | 1 |
| I300T100 | 69,57 | 300 | 1000 | 1 |
| I350T100 | 84,49 | 350 | 1000 | 1 |
| I400T100 | 95,70 | 400 | 989 | 1 |

## T500

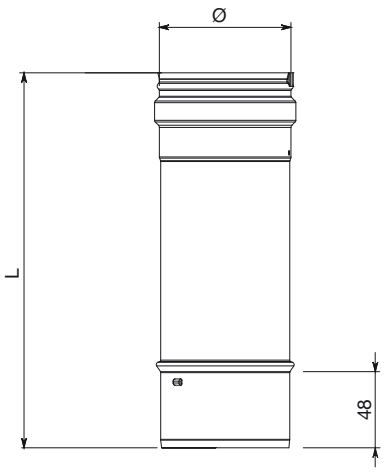
### Elemento lineare T500
*Linear element T500*
*Elément droit T500*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I080T500 | 14,83 | 80 | 500 | 1 |
| I100T500 | 16,98 | 100 | 500 | 1 |
| I120T500 | 18,89 | 120 | 500 | 1 |
| I130T500 | 20,02 | 130 | 500 | 1 |
| I140T500 | 21,02 | 140 | 500 | 1 |
| I150T500 | 22,12 | 150 | 500 | 1 |
| I160T500 | 23,02 | 160 | 500 | 1 |
| I180T500 | 24,90 | 180 | 500 | 1 |
| I200T500 | 27,20 | 200 | 500 | 1 |
| I220T500 | 31,69 | 220 | 500 | 1 |
| I250T500 | 33,31 | 250 | 500 | 1 |
| I300T500 | 41,61 | 300 | 500 | 1 |
| I350T500 | 49,55 | 350 | 500 | 1 |
| I400T500 | 59,45 | 400 | 489 | 1 |

## T250

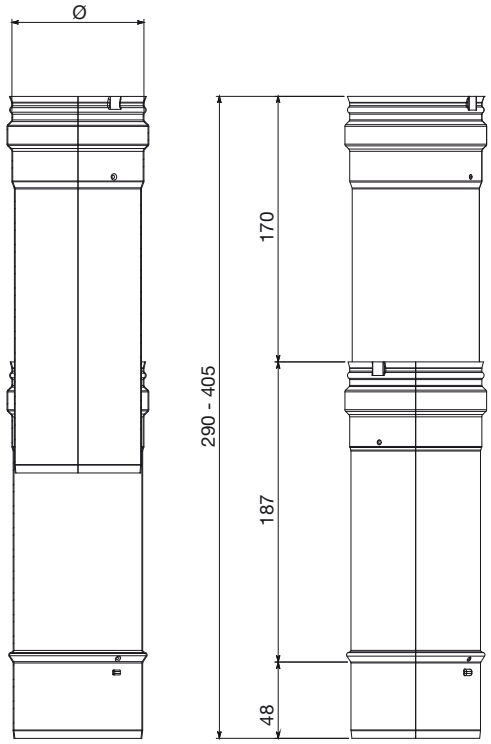
### Elemento lineare T250
*Linear element T250*
*Elément droit T250*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I080T250 | 10,36 | 80 | 250 | 1 |
| I100T250 | 12,03 | 100 | 250 | 1 |
| I120T250 | 13,15 | 120 | 250 | 1 |
| I130T250 | 13,89 | 130 | 250 | 1 |
| I140T250 | 14,41 | 140 | 250 | 1 |
| I150T250 | 15,18 | 150 | 250 | 1 |
| I160T250 | 15,66 | 160 | 250 | 1 |
| I180T250 | 16,83 | 180 | 250 | 1 |
| I200T250 | 18,32 | 200 | 250 | 1 |
| I220T250 | 20,09 | 220 | 250 | 1 |
| I250T250 | 22,56 | 250 | 250 | 1 |
| I300T250 | 27,79 | 300 | 250 | 1 |
| I350T250 | 30,28 | 350 | 250 | 1 |
| I400T250 | 39,55 | 400 | 239 | 1 |

## TELE

### Elemento telescopico
*Telescopic element*
*Elément télescopique*



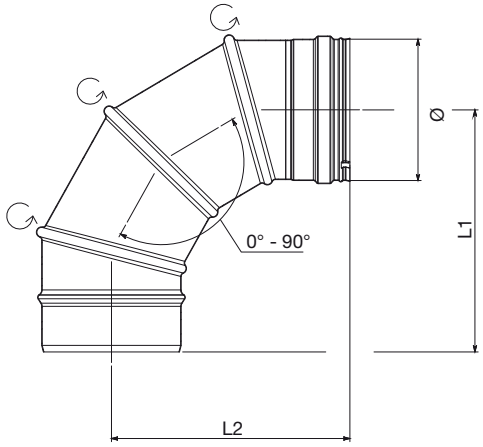

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080TELE | 31,14 | 80 | 1 |
| I100TELE | 36,20 | 100 | 1 |
| I120TELE | 40,31 | 120 | 1 |
| I130TELE | 42,72 | 130 | 1 |
| I140TELE | 44,85 | 140 | 1 |
| I150TELE | 47,19 | 150 | 1 |
| I160TELE | 49,18 | 160 | 1 |
| I180TELE | 53,22 | 180 | 1 |
| I200TELE | 58,19 | 200 | 1 |
| I220TELE | 62,44 | 220 | 1 |
| I250TELE | 68,78 | 250 | 1 |
| I300TELE | 82,80 | 300 | 1 |
| I350TELE | 92,06 | 350 | 1 |
| I400TELE | 103,61 | 400 | 1 |

## ORSX

# Curva orientabile 0-90°

*Revolving bend 0-90°*

*Coude orientable 0-90°*




| codice<br>*code*<br>*code* | € | Ø | L1 | L2 | |
|---|---|---|---|---|---|
| I080ORSX | 44,49 | 80 | 135 | 150 | 1 |
| I100ORSX | 48,55 | 100 | 140 | 155 | 1 |
| I120ORSX | 56,06 | 120 | 165 | 175 | 1 |
| I130ORSX | 59,48 | 130 | 175 | 190 | 1 |
| I140ORSX | 61,14 | 140 | 185 | 197 | 1 |
| I150ORSX | 62,79 | 150 | 190 | 205 | 1 |
| I160ORSX | 66,69 | 160 | 200 | 213 | 1 |
| I180ORSX | 70,59 | 180 | 210 | 225 | 1 |
| I200ORSX | 71,19 | 200 | 230 | 245 | 1 |
| I250ORSX | 113,40 | 250 | 245 | 265 | 1 |
| I300ORSX | 135,44 | 300 | 300 | 320 | 1 |

*Elemento non certificato per l'intubamento in pressione positiva P1. È sconsigliato l'utilizzo per assemblare camini destinati ad asservire generatori a condensazione.*

*This element is not certified for relining under positive pressure P1. Do not use this element in flue systems serving condensate generators.*

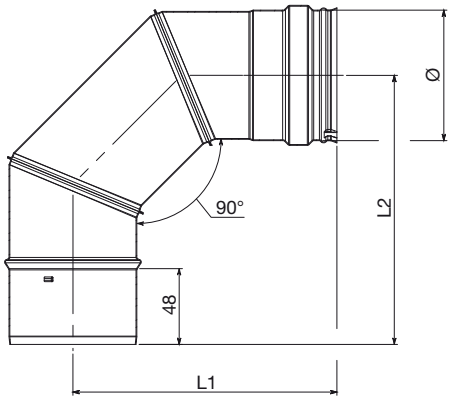
*Cet élément n'est pas certifié pour assemblements sous pression positive P1. Ne pas utiliser cet élément pour istaller conduits de fumée destinés à servir générateurs à condensation.*

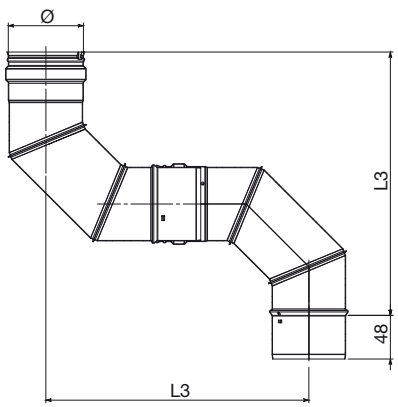
## C090

# Curva a 90°

*Bend 90°*

*Coude 90°*



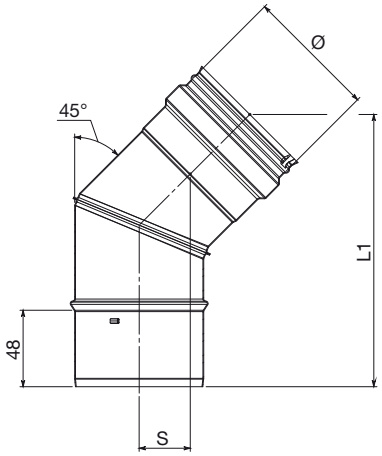

| codice<br>*code*<br>*code* | € | Ø | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| I080C090 | 22,01 | 80 | 166 | 169 | 288 | 1 |
| I100C090 | 23,84 | 100 | 176 | 179 | 307 | 1 |
| I120C090 | 24,03 | 120 | 186 | 189 | 327 | 1 |
| I130C090 | 25,04 | 130 | 193 | 196 | 340 | 1 |
| I140C090 | 29,72 | 140 | 196 | 199 | 349 | 1 |
| I150C090 | 31,76 | 150 | 201 | 204 | 358 | 1 |
| I160C090 | 33,50 | 160 | 206 | 209 | 368 | 1 |
| I180C090 | 37,83 | 180 | 216 | 219 | 388 | 1 |
| I200C090 | 39,59 | 200 | 226 | 229 | 408 | 1 |
| I220C090 | 51,79 | 220 | 236 | 239 | 428 | 1 |
| I250C090 | 53,32 | 250 | 251 | 254 | 458 | 1 |
| I300C090 | 65,73 | 300 | 276 | 279 | 508 | 1 |
| I350C090 | 81,42 | 350 | 301 | 304 | 558 | 1 |
| I400C090 | 110,81 | 400 | 302 | 305 | 558 | 1 |

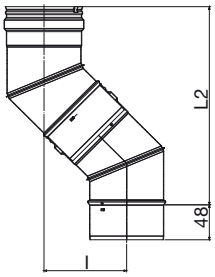
## C045

# Curva a 45°

*Bend 45°*

*Coude 45°*



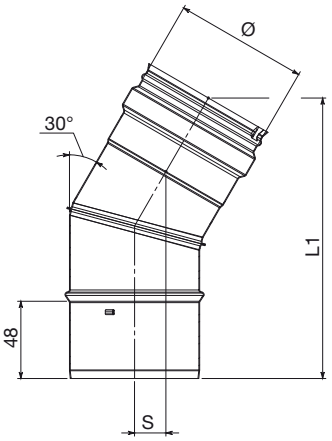

| codice<br>*code*<br>*code* | € | Ø | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|
| I080C045 | 15,63 | 80 | 170 | 256 | 32 | 105 | 1 |
| I100C045 | 17,94 | 100 | 176 | 270 | 35 | 112 | 1 |
| I120C045 | 19,01 | 120 | 184 | 285 | 38 | 118 | 1 |
| I130C045 | 19,67 | 130 | 190 | 297 | 40 | 123 | 1 |
| I140C045 | 20,87 | 140 | 192 | 302 | 41 | 125 | 1 |
| I150C045 | 21,72 | 150 | 195 | 307 | 42 | 127 | 1 |
| I160C045 | 23,00 | 160 | 200 | 314 | 45 | 130 | 1 |
| I180C045 | 23,42 | 180 | 205 | 328 | 47 | 136 | 1 |
| I200C045 | 27,59 | 200 | 215 | 341 | 49 | 141 | 1 |
| I220C045 | 29,70 | 220 | 220 | 343 | 51 | 142 | 1 |
| I250C045 | 34,34 | 250 | 230 | 370 | 57 | 147 | 1 |
| I300C045 | 41,64 | 300 | 248 | 407 | 64 | 162 | 1 |
| I350C045 | 52,22 | 350 | 265 | 441 | 72 | 176 | 1 |
| I400C045 | 64,02 | 400 | 212 | 460 | 49 | 184 | 1 |

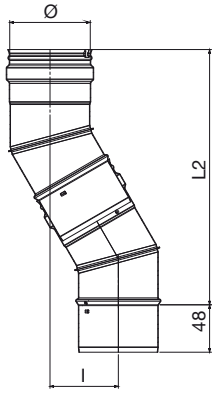
## C030

# Curva a 30°

*Bend 30°*

*Coude 30°*



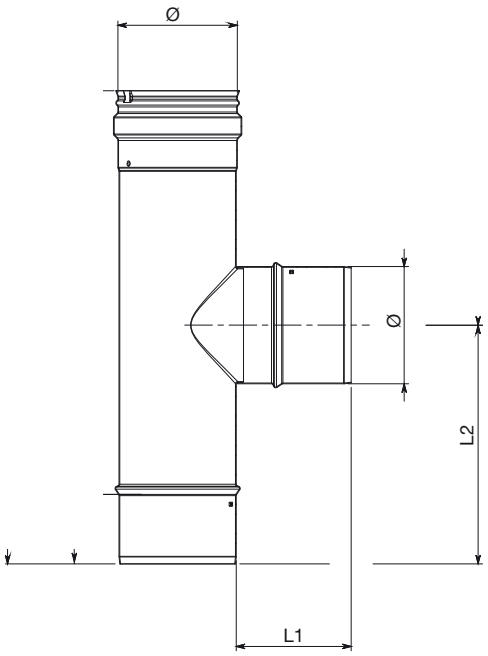




| codice<br>*code*<br>*code* | € | Ø | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|
| I080C030 | 16,21 | 80 | 174 | 257 | 19 | 69 | 1 |
| I100C030 | 17,32 | 100 | 178 | 267 | 21 | 71 | 1 |
| I120C030 | 19,66 | 120 | 183 | 277 | 22 | 74 | 1 |
| I130C030 | 20,35 | 130 | 186 | 281 | 23 | 75 | 1 |
| I140C030 | 21,56 | 140 | 188 | 285 | 23 | 77 | 1 |
| I150C030 | 22,46 | 150 | 191 | 292 | 24 | 78 | 1 |
| I160C030 | 23,77 | 160 | 193 | 296 | 25 | 79 | 1 |
| I180C030 | 24,23 | 180 | 198 | 306 | 26 | 82 | 1 |
| I200C030 | 25,87 | 200 | 203 | 316 | 27 | 84 | 1 |
| I220C030 | 28,38 | 220 | 208 | 326 | 29 | 86 | 1 |
| I250C030 | 32,20 | 250 | 216 | 341 | 31 | 91 | 1 |
| I300C030 | 39,03 | 300 | 228 | 366 | 34 | 98 | 1 |
| I350C030 | 49,40 | 350 | 241 | 392 | 38 | 105 | 1 |
| I400C030 | 56,21 | 400 | 253 | 404 | 43 | 108 | 1 |

## T090

# Raccordo a T 90° (stacco maschio)

*T 90°Pipe fitting (male coupler)*
*Raccord en T 90°(coupleur mâle)*

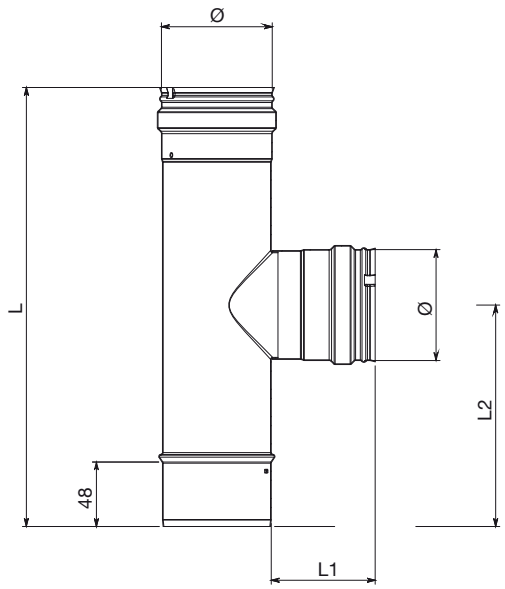



| codice<br>*code*<br>*code* | € | Ø | L | L1 | L2 | |
|---|---|---|---|---|---|---|
| I080T090 | 27,69 | 80 | 245 | 80 | 124 | 1 |
| I100T090 | 30,84 | 100 | 325 | 80 | 164 | 1 |
| I120T090 | 33,62 | 120 | 325 | 80 | 164 | 1 |
| I130T090 | 35,44 | 130 | 325 | 80 | 164 | 1 |
| I140T090 | 37,26 | 140 | 325 | 80 | 164 | 1 |
| I150T090 | 38,94 | 150 | 495 | 80 | 249 | 1 |
| I160T090 | 46,70 | 160 | 395 | 80 | 199 | 1 |
| I180T090 | 57,52 | 180 | 495 | 80 | 249 | 1 |
| I200T090 | 62,97 | 200 | 495 | 80 | 249 | 1 |
| I220T090 | 76,17 | 220 | 495 | 80 | 249 | 1 |
| I250T090 | 77,32 | 250 | 495 | 80 | 249 | 1 |
| I300T090 | 91,29 | 300 | 495 | 80 | 249 | 1 |
| I350T090 | 129,36 | 350 | 545 | 80 | 274 | 1 |
| I400T090 | 158,76 | 400 | 595 | 80 | 299 | 1 |

## RACT

# Raccordo a T 90° (stacco femmina)

*T 90° Pipe fitting (female coupler)*
*Raccord en T 90° (coupleur femelle)*

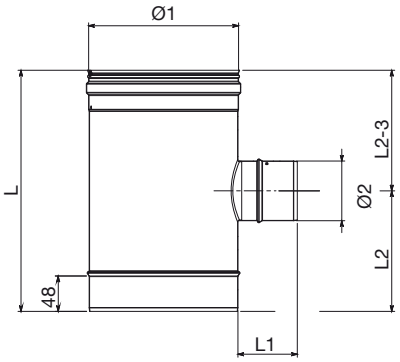



| codice<br>*code*<br>*code* | € | Ø | L | L1 | L2 | |
|---|---|---|---|---|---|---|
| I080RACT | 27,69 | 80 | 245 | 77 | 124 | 1 |
| I100RACT | 30,84 | 100 | 325 | 77 | 164 | 1 |
| I120RACT | 33,62 | 120 | 325 | 77 | 164 | 1 |
| I130RACT | 35,44 | 130 | 325 | 77 | 164 | 1 |
| I140RACT | 37,26 | 140 | 325 | 77 | 164 | 1 |
| I150RACT | 38,94 | 150 | 495 | 77 | 249 | 1 |
| I160RACT | 46,70 | 160 | 395 | 77 | 199 | 1 |
| I180RACT | 57,52 | 180 | 495 | 77 | 249 | 1 |
| I200RACT | 62,97 | 200 | 495 | 77 | 249 | 1 |
| I220RACT | 69,01 | 220 | 495 | 77 | 249 | 1 |
| I250RACT | 77,32 | 250 | 495 | 77 | 249 | 1 |
| I300RACT | 91,29 | 300 | 495 | 77 | 249 | 1 |
| I350RACT | 129,36 | 350 | 545 | 77 | 274 | 1 |
| I400RACT | 158,76 | 400 | 595 | 77 | 299 | 1 |

## T90R

# Raccordo a T 90° ridotto Ø 80 (stacco maschio)

*T 90° pipe fitting reduced Ø 80 (coupler male)*
*Raccord T 90° réduit Ø 80 (coupleur mâle)*

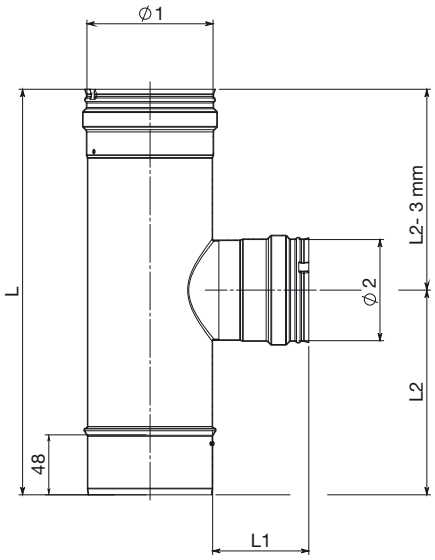



| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L | L1 | L2 | |
|---|---|---|---|---|---|---|---|
| I100T90R | 34,72 | 100 | 80 | 325 | 80 | 164 | 1 |
| I120T90R | 36,80 | 120 | 80 | 325 | 80 | 164 | 1 |
| I130T90R | 38,31 | 130 | 80 | 325 | 80 | 164 | 1 |
| I140T90R | 39,79 | 140 | 80 | 325 | 80 | 164 | 1 |
| I150T90R | 41,23 | 150 | 80 | 495 | 80 | 249 | 1 |
| I160T90R | 43,57 | 160 | 80 | 395 | 80 | 199 | 1 |
| I180T90R | 45,43 | 180 | 80 | 495 | 80 | 249 | 1 |
| I200T90R | 48,96 | 200 | 80 | 495 | 80 | 249 | 1 |
| I220T90R | 52,53 | 220 | 80 | 495 | 80 | 249 | 1 |
| I250T90R | 58,16 | 250 | 80 | 495 | 80 | 249 | 1 |
| I300T90R | 70,12 | 300 | 80 | 495 | 80 | 249 | 1 |
| I350T90R | 134,88 | 350 | 80 | 545 | 80 | 274 | 1 |
| I400T90R | 144,99 | 400 | 80 | 325 | 80 | 164 | 1 |

## T90F

# Raccordo a T 90° ridotto Ø 80 (stacco femmina)

*T 90° pipe fitting reduced Ø 80 (coupler female)*
*Raccord T 90° réduit Ø 80 (coupleur femelle)*



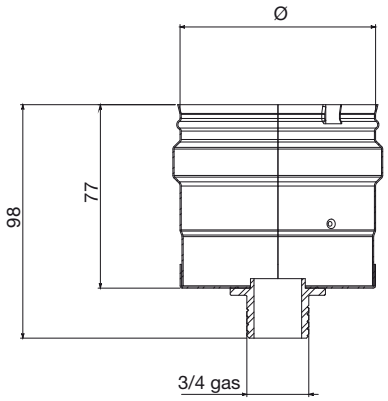

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L | L1 | L2 | |
|---|---|---|---|---|---|---|---|
| I100T90F | 34,72 | 100 | 80 | 325 | 80 | 164 | 1 |
| I120T90F | 36,80 | 120 | 80 | 325 | 80 | 164 | 1 |
| I130T90F | 38,31 | 130 | 80 | 325 | 80 | 164 | 1 |
| I140T90F | 39,79 | 140 | 80 | 325 | 80 | 164 | 1 |
| I150T90F | 41,23 | 150 | 80 | 495 | 80 | 249 | 1 |
| I160T90F | 43,57 | 160 | 80 | 395 | 80 | 199 | 1 |
| I180T90F | 45,43 | 180 | 80 | 495 | 80 | 249 | 1 |
| I200T90F | 48,96 | 200 | 80 | 495 | 80 | 249 | 1 |
| I220T90F | 52,53 | 220 | 80 | 495 | 80 | 249 | 1 |
| I250T90F | 58,16 | 250 | 80 | 495 | 80 | 249 | 1 |
| I300T90F | 70,12 | 300 | 80 | 495 | 80 | 249 | 1 |
| I350T90F | 134,88 | 350 | 80 | 545 | 80 | 274 | 1 |
| I400T90F | 144,99 | 400 | 80 | 325 | 80 | 164 | 1 |

## TC85

# Tappo raccogli condensa

*Collecting condensate plug*

*Bouchon récupére condensation*



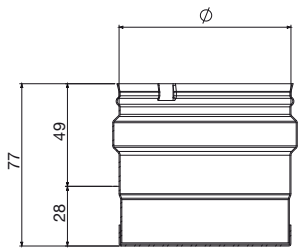

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080TC85 | 19,19 | 80 | 1 |
| I100TC85 | 20,28 | 100 | 1 |
| I120TC85 | 22,02 | 120 | 1 |
| I130TC85 | 23,39 | 130 | 1 |
| I140TC85 | 24,34 | 140 | 1 |
| I150TC85 | 25,31 | 150 | 1 |
| I160TC85 | 26,54 | 160 | 1 |
| I180TC85 | 27,78 | 180 | 1 |
| I200TC85 | 30,09 | 200 | 1 |
| I220TC85 | 33,64 | 220 | 1 |
| I250TC85 | 39,00 | 250 | 1 |
| I300TC85 | 43,54 | 300 | 1 |
| I350TC85 | 48,04 | 350 | 1 |
| I400TC85 | 57,52 | 400 | 1 |

## TC86

# Tappo cieco raccogli condensa

*Collecting condensate blind plug*

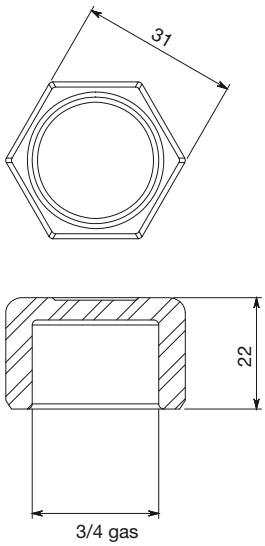
*Bouchon aveugle de récupère condensation*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080TC86 | 16,28 | 80 | 1 |
| I100TC86 | 17,37 | 100 | 1 |
| I120TC86 | 19,11 | 120 | 1 |
| I130TC86 | 20,48 | 130 | 1 |
| I140TC86 | 21,44 | 140 | 1 |
| I150TC86 | 22,40 | 150 | 1 |
| I160TC86 | 23,63 | 160 | 1 |
| I180TC86 | 24,87 | 180 | 1 |
| I200TC86 | 27,18 | 200 | 1 |
| I250TC86 | 36,09 | 250 | 1 |

## TAFE

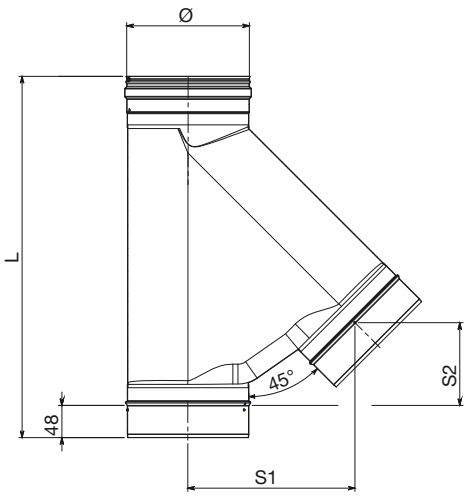
### Tappo femmina AISI 316 3/4 gas
*Female plug AISI 316 3/4 gas*
*Bouchon femelle AISI 316 3/4 gas*




| codice<br>*code*<br>*code* | € | |
|---|---|---|
| IUNVTAFE | 5,78 | 1 |

## T135

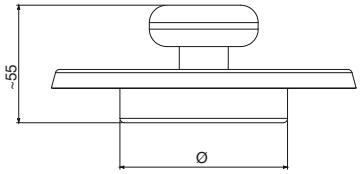
### Raccordo a T 135°
*T 135° Pipe fitting*
*Raccord en T 135°*




| codice<br>*code*<br>*code* | € | Ø | L | S1 | S2 | |
|---|---|---|---|---|---|---|
| I080T135 | 75,38 | 80 | 400 | 150 | 80 | 1 |
| I100T135 | 84,17 | 100 | 450 | 170 | 95 | 1 |
| I120T135 | 95,62 | 120 | 450 | 170 | 95 | 1 |
| I130T135 | 100,32 | 130 | 480 | 190 | 100 | 1 |
| I140T135 | 108,01 | 140 | 480 | 195 | 105 | 1 |
| I150T135 | 111,07 | 150 | 510 | 205 | 110 | 1 |
| I160T135 | 118,19 | 160 | 520 | 210 | 110 | 1 |
| I180T135 | 122,22 | 180 | 550 | 230 | 120 | 1 |
| I200T135 | 142,33 | 200 | 580 | 250 | 130 | 1 |
| I220T135 | 156,51 | 220 | 610 | 265 | 140 | 1 |
| I250T135 | 177,81 | 250 | 650 | 290 | 150 | 1 |
| I300T135 | 253,25 | 300 | 720 | 335 | 165 | 1 |
| I350T135 | 317,82 | 350 | 790 | 380 | 185 | 1 |
| I400T135 | 383,06 | 400 | 860 | 420 | 200 | 1 |

## TI84

# Tappo per ispezione
*Plug for inspection*
*Trappe d'inspection*

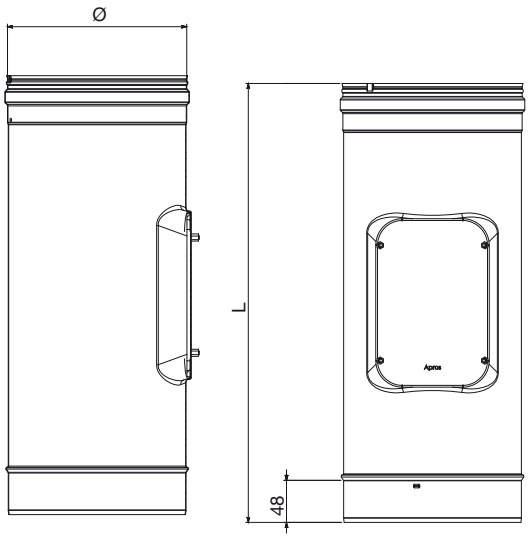



Da applicare su T090 e RACT
*To apply on T090 and RACT*
*Appliquer à T090 et RACT*

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080TI84 | 16,68 | 80 | 1 |
| I100TI84 | 19,20 | 100 | 1 |
| I120TI84 | 21,30 | 120 | 1 |
| I130TI84 | 22,98 | 130 | 1 |
| I140TI84 | 24,68 | 140 | 1 |
| I150TI84 | 25,79 | 150 | 1 |
| I160TI84 | 29,93 | 160 | 1 |
| I180TI84 | 34,19 | 180 | 1 |
| I200TI84 | 37,85 | 200 | 1 |
| I220TI84 | 46,50 | 220 | 1 |
| I250TI84 | 55,15 | 250 | 1 |
| I300TI84 | 73,67 | 300 | 1 |

## IQ24

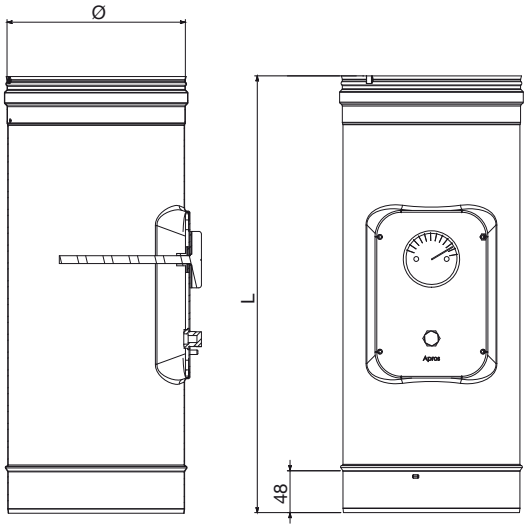
# Modulo raccolta incombusti
*Unburnt materials collecting box*
*Module de recueil des suies*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I120IQ24 | 75,74 | 120 | 395 | 1 |
| I130IQ24 | 77,99 | 130 | 395 | 1 |
| I140IQ24 | 81,08 | 140 | 395 | 1 |
| I150IQ24 | 83,47 | 150 | 395 | 1 |
| I160IQ24 | 87,60 | 160 | 395 | 1 |
| I180IQ24 | 92,69 | 180 | 395 | 1 |
| I200IQ24 | 97,62 | 200 | 395 | 1 |
| I220IQ24 | 98,90 | 220 | 490 | 1 |
| I250IQ24 | 105,26 | 250 | 495 | 1 |
| I300IQ24 | 124,26 | 300 | 495 | 1 |

## CF32

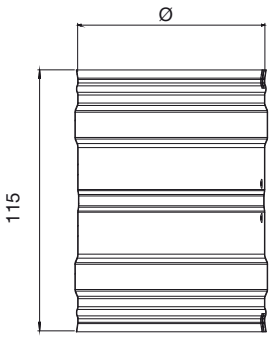
### Modulo rilevamento fumi ed ispezione
*Module smoke detection and inspection*
*Module détection de fumée et d'inspection*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I120CF32 | 100,83 | 120 | 395 | 1 |
| I130CF32 | 104,01 | 130 | 395 | 1 |
| I140CF32 | 107,85 | 140 | 395 | 1 |
| I150CF32 | 109,52 | 150 | 395 | 1 |
| I160CF32 | 119,14 | 160 | 395 | 1 |
| I180CF32 | 120,28 | 180 | 395 | 1 |
| I200CF32 | 122,59 | 200 | 395 | 1 |
| I220CF32 | 124,93 | 220 | 490 | 1 |
| I250CF32 | 131,28 | 250 | 495 | 1 |
| I300CF32 | 137,60 | 300 | 495 | 1 |

## MC05

### Manicotto F/F
*Muff F/F*
*Manchon F/F*

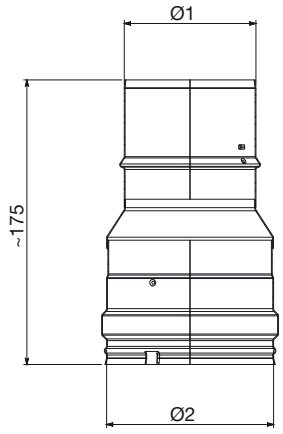



| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080MC05 | 13,02 | 80 | 1 |
| I100MC05 | 16,05 | 100 | 1 |
| I120MC05 | 17,85 | 120 | 1 |
| I130MC05 | 19,24 | 130 | 1 |
| I140MC05 | 20,99 | 140 | 1 |
| I150MC05 | 21,55 | 150 | 1 |
| I160MC05 | 23,38 | 160 | 1 |
| I180MC05 | 24,28 | 180 | 1 |
| I200MC05 | 25,89 | 200 | 1 |
| I220MC05 | 30,45 | 220 | 1 |
| I250MC05 | 31,46 | 250 | 1 |
| I300MC05 | 36,98 | 300 | 1 |
| I350MC05 | 39,84 | 350 | 1 |
| I400MC05 | 45,43 | 400 | 1 |

## IR M/F

### Riduttore maggioratore M/F

*Reduction enlargement M/F*
*Réduction augmentation M/F*



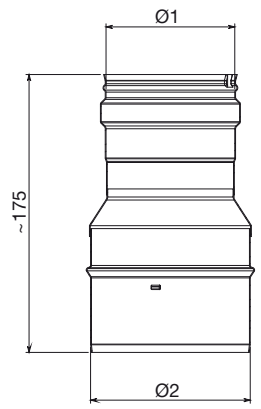

**M - maschio** *male mâle*
**F - femmina** *female femelle*

| codice *code code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| IR080M100F | 22,96 | 80 M | 100 F | 1 |
| IR080M120F | 27,65 | 80 M | 120 F | 1 |
| IR080M130F | 28,50 | 80 M | 130 F | 1 |
| IR080M140F | 30,28 | 80 M | 140 F | 1 |
| IR080M150F | 32,06 | 80 M | 150 F | 1 |
| IR080M160F | 34,86 | 80 M | 160 F | 1 |
| IR100M120F | 28,16 | 100 M | 120 F | 1 |
| IR100M130F | 29,12 | 100 M | 130 F | 1 |
| IR100M140F | 29,91 | 100 M | 140 F | 1 |
| IR100M150F | 41,20 | 100 M | 150 F | 1 |
| IR100M160F | 44,35 | 100 M | 160 F | 1 |
| IR120M130F | 41,01 | 120 M | 130 F | 1 |
| IR120M140F | 44,55 | 120 M | 140 F | 1 |
| IR120M150F | 44,62 | 120 M | 150 F | 1 |
| IR120M160F | 46,35 | 120 M | 160 F | 1 |
| IR120M180F | 48,09 | 120 M | 180 F | 1 |
| IR130M140F | 49,20 | 130 M | 140 F | 1 |
| IR130M150F | 49,64 | 130 M | 150 F | 1 |
| IR130M160F | 50,93 | 130 M | 160 F | 1 |
| IR130M180F | 52,23 | 130 M | 180 F | 1 |
| IR140M150F | 49,56 | 140 M | 150 F | 1 |
| IR140M160F | 51,77 | 140 M | 160 F | 1 |
| IR140M180F | 53,15 | 140 M | 180 F | 1 |
| IR140M200F | 55,13 | 140 M | 200 F | 1 |
| IR150M160F | 54,42 | 150 M | 160 F | 1 |
| IR150M180F | 53,32 | 150 M | 180 F | 1 |
| IR150M200F | 55,51 | 150 M | 200 F | 1 |
| IR160M180F | 54,87 | 160 M | 180 F | 1 |
| IR160M200F | 57,02 | 160 M | 200 F | 1 |
| IR180M200F | 58,21 | 180 M | 200 F | 1 |
| IR180M250F | 65,68 | 180 M | 250 F | 1 |
| IR200M250F | 72,43 | 200 M | 250 F | 1 |
| IR200M300F | 79,05 | 200 M | 300 F | 1 |
| IR250M300F | 80,82 | 250 M | 300 F | 1 |
| IR300M350F | 86,72 | 300 M | 350 F | 1 |

## IR F/M

### Riduttore maggioratore F/M

*Reduction enlargement F/M*
*Réduction augmentation F/M*



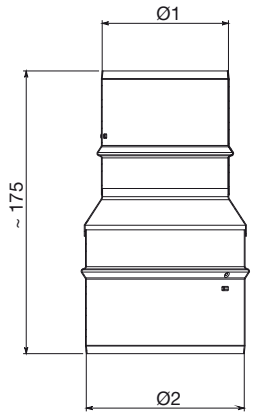

**M - maschio** *male mâle*
**F - femmina** *female femelle*

| codice *code code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| IR080F100M | 22,96 | 80 F | 100 M | 1 |
| IR080F120M | 27,65 | 80 F | 120 M | 1 |
| IR080F130M | 28,50 | 80 F | 130 M | 1 |
| IR080F140M | 30,28 | 80 F | 140 M | 1 |
| IR080F150M | 32,06 | 80 F | 150 M | 1 |
| IR080F160M | 34,86 | 80 F | 160 M | 1 |
| IR100F120M | 28,16 | 100 F | 120 M | 1 |
| IR100F130M | 29,12 | 100 F | 130 M | 1 |
| IR100F140M | 29,91 | 100 F | 140 M | 1 |
| IR100F150M | 41,20 | 100 F | 150 M | 1 |
| IR100F160M | 44,35 | 100 F | 160 M | 1 |
| IR120F130M | 41,01 | 120 F | 130 M | 1 |
| IR120F140M | 44,55 | 120 F | 140 M | 1 |
| IR120F150M | 44,62 | 120 F | 150 M | 1 |
| IR120F160M | 46,35 | 120 F | 160 M | 1 |
| IR120F180M | 48,09 | 120 F | 180 M | 1 |
| IR130F140M | 49,20 | 130 F | 140 M | 1 |
| IR130F150M | 49,64 | 130 F | 150 M | 1 |
| IR130F160M | 50,93 | 130 F | 160 M | 1 |
| IR130F180M | 52,23 | 130 F | 180 M | 1 |
| IR140F150M | 49,56 | 140 F | 150 M | 1 |
| IR140F160M | 51,77 | 140 F | 160 M | 1 |
| IR140F180M | 53,15 | 140 F | 180 M | 1 |
| IR140F200M | 55,13 | 140 F | 200 M | 1 |
| IR150F160M | 54,42 | 150 F | 160 M | 1 |
| IR150F180M | 53,32 | 150 F | 180 M | 1 |
| IR150F200M | 55,51 | 150 F | 200 M | 1 |
| IR160F180M | 54,87 | 160 F | 180 M | 1 |
| IR160F200M | 57,02 | 160 F | 200 M | 1 |
| IR180F200M | 58,21 | 180 F | 200 M | 1 |
| IR180F250M | 65,68 | 180 F | 250 M | 1 |
| IR200F250M | 73,48 | 200 F | 250 M | 1 |
| IR200F300M | 79,05 | 200 F | 300 M | 1 |
| IR250F300M | 80,82 | 250 F | 300 M | 1 |
| IR300F350M | 86,72 | 300 F | 350 M | 1 |

## IR M/M

### Riduttore maggioratore M/M

*Reduction enlargement M/M*
*Réduction augmentation M/M*



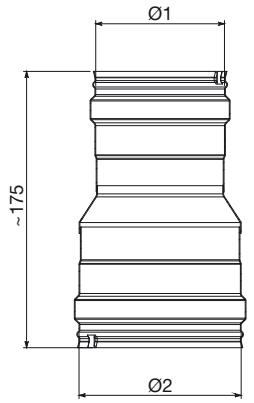

**M - maschio** *male mâle*
**F - femmina** *female femelle*

| codice *code code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| IR080M100M | 22,96 | 80 M | 100 M | 1 |
| IR080M120M | 27,65 | 80 M | 120 M | 1 |
| IR080M130M | 28,50 | 80 M | 130 M | 1 |
| IR080M140M | 30,28 | 80 M | 140 M | 1 |
| IR080M150M | 32,06 | 80 M | 150 M | 1 |
| IR080M160M | 34,86 | 80 M | 160 M | 1 |
| IR100M120M | 28,16 | 100 M | 120 M | 1 |
| IR100M130M | 29,12 | 100 M | 130 M | 1 |
| IR100M140M | 29,91 | 100 M | 140 M | 1 |
| IR100M150M | 41,20 | 100 M | 150 M | 1 |
| IR100M160M | 44,35 | 100 M | 160 M | 1 |
| IR120M130M | 41,01 | 120 M | 130 M | 1 |
| IR120M140M | 44,55 | 120 M | 140 M | 1 |
| IR120M150M | 44,62 | 120 M | 150 M | 1 |
| IR120M160M | 46,35 | 120 M | 160 M | 1 |
| IR120M180M | 48,09 | 120 M | 180 M | 1 |
| IR130M140M | 49,20 | 130 M | 140 M | 1 |
| IR130M150M | 49,64 | 130 M | 150 M | 1 |
| IR130M160M | 50,93 | 130 M | 160 M | 1 |
| IR130M180M | 52,23 | 130 M | 180 M | 1 |
| IR140M150M | 49,56 | 140 M | 150 M | 1 |
| IR140M160M | 51,77 | 140 M | 160 M | 1 |
| IR140M180M | 53,15 | 140 M | 180 M | 1 |
| IR140M200M | 55,13 | 140 M | 200 M | 1 |
| IR150M160M | 54,42 | 150 M | 160 M | 1 |
| IR150M180M | 53,32 | 150 M | 180 M | 1 |
| IR150M200M | 55,51 | 150 M | 200 M | 1 |
| IR160M180M | 54,87 | 160 M | 180 M | 1 |
| IR160M200M | 57,02 | 160 M | 200 M | 1 |
| IR180M200M | 58,21 | 180 M | 200 M | 1 |
| IR180M250M | 65,68 | 180 M | 250 M | 1 |
| IR200M250M | 72,43 | 200 M | 250 M | 1 |
| IR200M300M | 79,05 | 200 M | 300 M | 1 |
| IR250M300M | 80,82 | 250 M | 300 M | 1 |
| IR300M350M | 86,72 | 300 M | 350 M | 1 |

## IR F/F

### Riduttore maggioratore F/F

*Reduction enlargement F/F*
*Réduction augmentation F/F*




**M - maschio** *male mâle*
**F - femmina** *female femelle*

| codice *code code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| IR080F100F | 22,96 | 80 F | 100 F | 1 |
| IR080F120F | 27,65 | 80 F | 120 F | 1 |
| IR080F130F | 28,50 | 80 F | 130 F | 1 |
| IR080F140F | 30,28 | 80 F | 140 F | 1 |
| IR080F150F | 32,06 | 80 F | 150 F | 1 |
| IR080F160F | 34,86 | 80 F | 160 F | 1 |
| IR100F120F | 28,16 | 100 F | 120 F | 1 |
| IR100F130F | 29,12 | 100 F | 130 F | 1 |
| IR100F140F | 29,91 | 100 F | 140 F | 1 |
| IR100F150F | 41,20 | 100 F | 150 F | 1 |
| IR100F160F | 44,35 | 100 F | 160 F | 1 |
| IR120F130F | 41,01 | 120 F | 130 F | 1 |
| IR120F140F | 44,55 | 120 F | 140 F | 1 |
| IR120F150F | 44,62 | 120 F | 150 F | 1 |
| IR120F160F | 46,35 | 120 F | 160 F | 1 |
| IR120F180F | 48,09 | 120 F | 180 F | 1 |
| IR130F140F | 49,20 | 130 F | 140 F | 1 |
| IR130F150F | 49,64 | 130 F | 150 F | 1 |
| IR130F160F | 50,93 | 130 F | 160 F | 1 |
| IR130F180F | 52,23 | 130 F | 180 F | 1 |
| IR140F150F | 49,56 | 140 F | 150 F | 1 |
| IR140F160F | 51,77 | 140 F | 160 F | 1 |
| IR140F180F | 53,15 | 140 F | 180 F | 1 |
| IR140F200F | 55,13 | 140 F | 200 F | 1 |
| IR150F160F | 54,42 | 150 F | 160 F | 1 |
| IR150F180F | 53,32 | 150 F | 180 F | 1 |
| IR150F200F | 55,51 | 150 F | 200 F | 1 |
| IR160F180F | 54,87 | 160 F | 180 F | 1 |
| IR160F200F | 57,02 | 160 F | 200 F | 1 |
| IR180F200F | 58,21 | 180 F | 200 F | 1 |
| IR180F250F | 65,68 | 180 F | 250 F | 1 |
| IR200F250F | 72,43 | 200 F | 250 F | 1 |
| IR200F300F | 79,05 | 200 F | 300 F | 1 |
| IR250F300F | 80,82 | 250 F | 300 F | 1 |
| IR300F350F | 86,72 | 300 F | 350 F | 1 |

## RTIR

# Regolatore di tiraggio automatico

*Automatic air draught regulator*

*Régulateur de tirage automatique*

| codice<br>*code*<br>*code* | € | Ø1 | |
|---|---|---|---|
| I100RTIR | 260,40 | 100 | 1 |
| I130RTIR | 260,40 | 130 | 1 |
| I150RTIR | 173,25 | 150 | 1 |
| I180RTIR | 333,90 | 180 | 1 |

Serve per stabilizzare e regolare il tiraggio della canna fumaria attraverso l'immissione di aria dall'ambiente d'installazione o dall'esterno, conforme d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 ecc. I regolatori di tiraggio sono utilizzabili anche come apertura automatica della ventilazione 3 Pa.

*It is useful to stabilize and adjust the draft of the chimney through the release of air from the installation environment or from outside, in accordance with d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 etc. The draught regulators are also used as automatic opening of ventilation 3 Pa.*

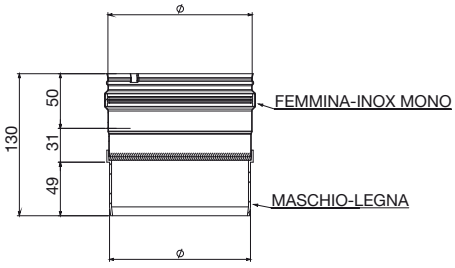
*Il sert à stabiliser et à régler le tirage du conduit de fumée, par l'introduction d'air de l'ambiance d'installation ou de l'externe, en conformité avec le d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 etc. Les régulateurs de tirage sont également utilisés comme ouverture automatique de la ventilation 3 Pa.*

## ADT1

# Adattatore (legna masc. / inox mono femm.)

*Adaptor wood male / inox sigle wall female*

*Adaptateur bois mâle / inox simple paroi femelle*



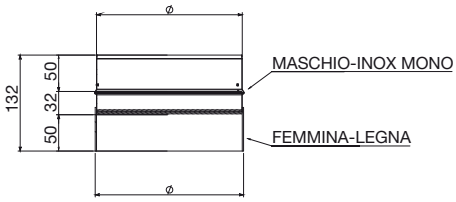

| codice NERO<br>*BLACK code*<br>*code NOIR* | € | codice GRIGIO<br>*GREY code*<br>*code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT1 | 26,28 | G120ADT1 | 30,22 | 120 | 1 |
| D130ADT1 | 28,32 | G130ADT1 | 32,57 | 130 | 1 |
| D140ADT1 | 30,87 | G140ADT1 | 35,50 | 140 | 1 |
| D150ADT1 | 31,71 | G150ADT1 | 36,47 | 150 | 1 |
| D160ADT1 | 34,41 | G160ADT1 | 39,57 | 160 | 1 |
| D180ADT1 | 35,73 | G180ADT1 | 41,09 | 180 | 1 |
| D200ADT1 | 37,20 | G200ADT1 | 42,78 | 200 | 1 |

## ADT2

### Adattatore (legna femm. / inox mono masc.)

*Adaptor wood female / inox sigle wall male*

*Adaptateur bois femelle / inox simple paroi mâle*



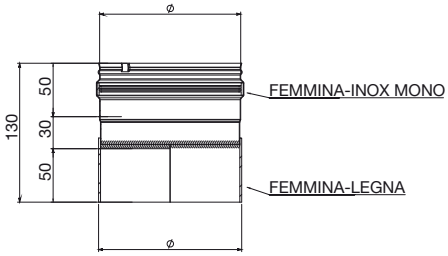

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT2 | 26,28 | G120ADT2 | 30,22 | 120 | 1 |
| D130ADT2 | 28,32 | G130ADT2 | 32,57 | 130 | 1 |
| D140ADT2 | 30,87 | G140ADT2 | 35,50 | 140 | 1 |
| D150ADT2 | 31,71 | G150ADT2 | 36,47 | 150 | 1 |
| D160ADT2 | 34,41 | G160ADT2 | 39,57 | 160 | 1 |
| D180ADT2 | 35,73 | G180ADT2 | 41,09 | 180 | 1 |
| D200ADT2 | 37,20 | G200ADT2 | 42,78 | 200 | 1 |

## ADT3

### Adattatore (legna femm. / inox mono femm.)

*Adaptor wood female / inox sigle wall female*

*Adaptateur bois femelle / inox simple paroi femelle*



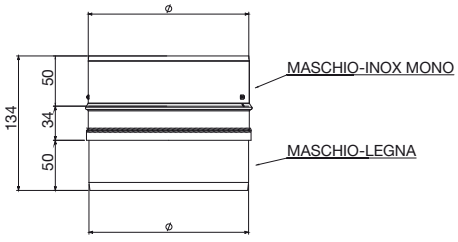

| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT3 | 26,28 | G120ADT3 | 30,22 | 120 | 1 |
| D130ADT3 | 28,32 | G130ADT3 | 32,57 | 130 | 1 |
| D140ADT3 | 30,87 | G140ADT3 | 35,50 | 140 | 1 |
| D150ADT3 | 31,71 | G150ADT3 | 36,47 | 150 | 1 |
| D160ADT3 | 34,41 | G160ADT3 | 39,57 | 160 | 1 |
| D180ADT3 | 35,73 | G180ADT3 | 41,09 | 180 | 1 |
| D200ADT3 | 37,20 | G200ADT3 | 42,78 | 200 | 1 |

## ADT4

### Adattatore (legna masc. / inox mono masc.)

*Adaptor wood male / inox sigle wall male*

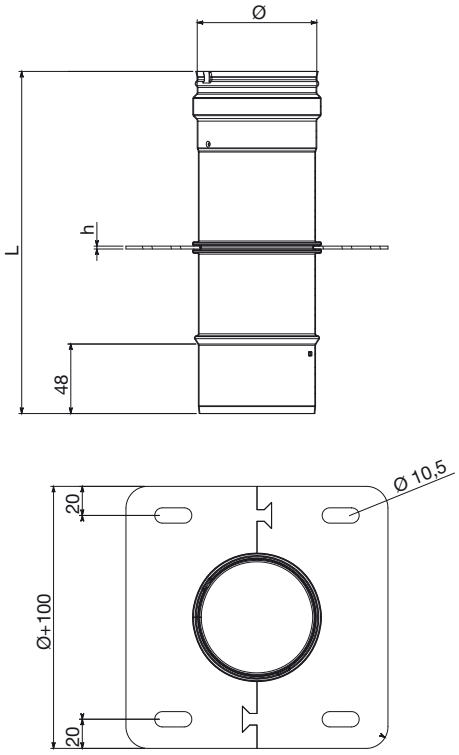
*Adaptateur bois mâle / inox simple paroi mâle*




| codice NERO *BLACK code code NOIR* | € | codice GRIGIO *GREY code code GRIS* | € | Ø | |
|---|---|---|---|---|---|
| D120ADT4 | 26,28 | G120ADT4 | 30,22 | 120 | 1 |
| D130ADT4 | 28,32 | G130ADT4 | 32,57 | 130 | 1 |
| D140ADT4 | 30,87 | G140ADT4 | 35,50 | 140 | 1 |
| D150ADT4 | 31,71 | G150ADT4 | 36,47 | 150 | 1 |
| D160ADT4 | 34,41 | G160ADT4 | 39,57 | 160 | 1 |
| D180ADT4 | 35,73 | G180ADT4 | 41,09 | 180 | 1 |
| D200ADT4 | 37,20 | G200ADT4 | 42,78 | 200 | 1 |

## PB10

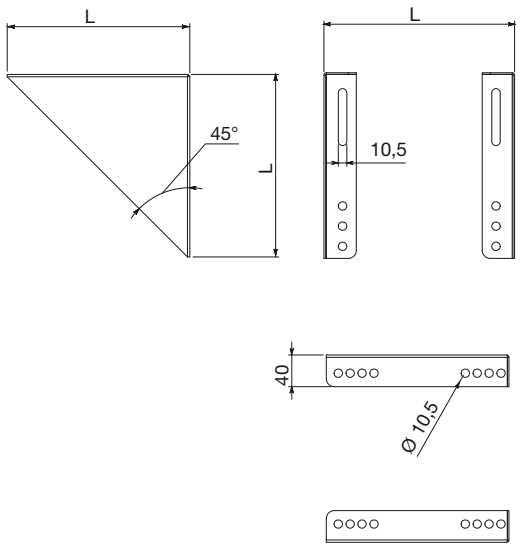
### Piastra con elemento dritto
*Plate with straight element*
*Plaque avec élément droit*




| codice<br>*code*<br>*code* | € | Ø | L | h | |
|---|---|---|---|---|---|
| I080PB10 | 35,20 | 80 | 230 | 2 | 1 |
| I100PB10 | 36,00 | 100 | 230 | 2 | 1 |
| I120PB10 | 36,80 | 120 | 230 | 2 | 1 |
| I130PB10 | 38,00 | 130 | 230 | 2 | 1 |
| I140PB10 | 40,40 | 140 | 230 | 2 | 1 |
| I150PB10 | 52,84 | 150 | 230 | 2 | 1 |
| I160PB10 | 56,00 | 160 | 230 | 2 | 1 |
| I180PB10 | 59,20 | 180 | 230 | 2 | 1 |
| I200PB10 | 61,76 | 200 | 230 | 3 | 1 |
| I220PB10 | 72,00 | 220 | 230 | 3 | 1 |
| I250PB10 | 76,36 | 250 | 230 | 3 | 1 |
| I300PB10 | 84,00 | 300 | 230 | 3 | 1 |
| I350PB10 | 90,92 | 350 | 230 | 3 | 1 |
| I400PB10 | 96,00 | 400 | 230 | 3 | 1 |

## SM13

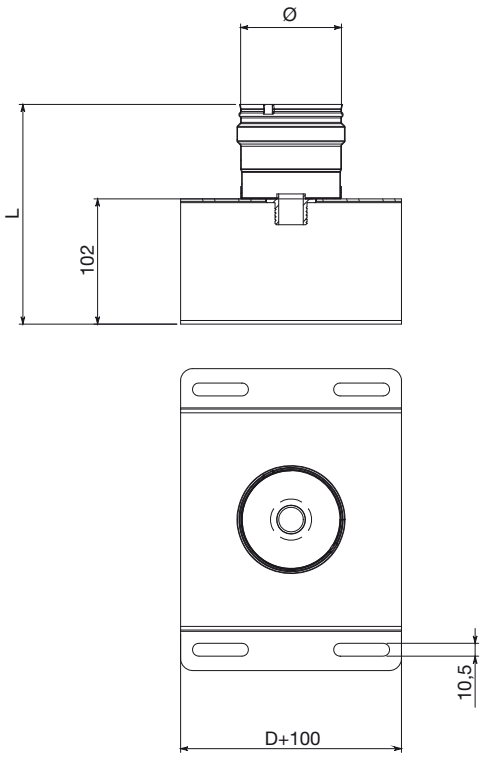
### Supporto murale
*Wall support*
*Support mural*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| J080SM13 | 25,55 | 80 | 180 | 1 |
| J100SM13 | 25,69 | 100 | 200 | 1 |
| J120SM13 | 28,00 | 120 | 220 | 1 |
| J130SM13 | 33,20 | 130 | 230 | 1 |
| J140SM13 | 37,20 | 140 | 240 | 1 |
| J150SM13 | 40,00 | 150 | 250 | 1 |
| J160SM13 | 42,00 | 160 | 260 | 1 |
| J180SM13 | 44,00 | 180 | 280 | 1 |
| J200SM13 | 50,00 | 200 | 300 | 1 |
| J220SM13 | 56,00 | 220 | 320 | 1 |
| J250SM13 | 64,00 | 250 | 350 | 1 |
| J300SM13 | 68,00 | 300 | 400 | 1 |
| J350SM13 | 90,00 | 350 | 450 | 1 |
| J400SM13 | 105,47 | 400 | 500 | 1 |

## PA26

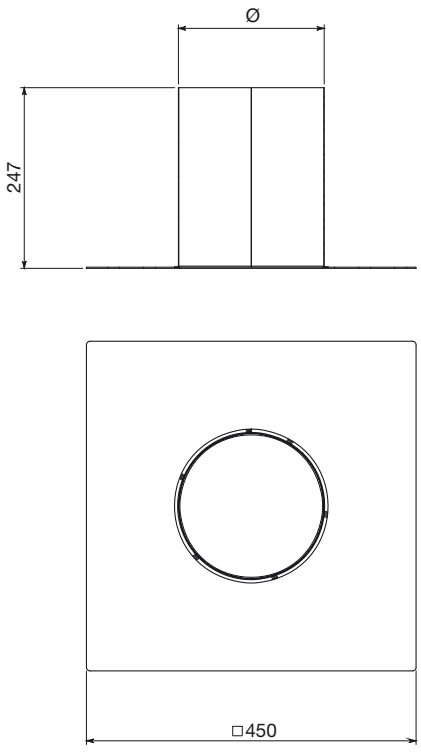
### Piastra ancoraggio con scarico
*Anchorage plate with draining*
*Plaque d'ancrage avec évacuation*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I080PA26 | 47,72 | 80 | 180 | 1 |
| I100PA26 | 58,96 | 100 | 180 | 1 |
| I120PA26 | 62,00 | 120 | 180 | 1 |
| I130PA26 | 64,00 | 130 | 180 | 1 |
| I140PA26 | 66,00 | 140 | 180 | 1 |
| I150PA26 | 67,76 | 150 | 180 | 1 |
| I160PA26 | 72,00 | 160 | 180 | 1 |
| I180PA26 | 79,04 | 180 | 180 | 1 |
| I200PA26 | 86,00 | 200 | 180 | 1 |
| I220PA26 | 100,00 | 220 | 180 | 1 |
| I250PA26 | 122,16 | 250 | 180 | 1 |
| I300PA26 | 148,00 | 300 | 180 | 1 |
| I350PA26 | 175,32 | 350 | 180 | 1 |
| I400PA26 | 187,60 | 400 | 180 | 1 |

## CATC

### Piastra telescopica di chiusura
*Closure telescopic plate*
*Plaque telescopique de fermeture*



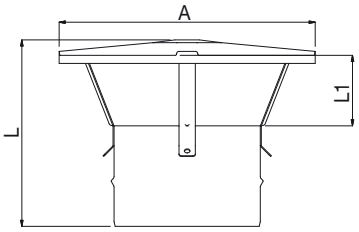

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080CATC | 55,00 | 80 | 1 |
| I100CATC | 56,17 | 100 | 1 |
| I120CATC | 57,35 | 120 | 1 |
| I130CATC | 57,95 | 130 | 1 |
| I140CATC | 58,54 | 140 | 1 |
| I150CATC | 59,14 | 150 | 1 |
| I160CATC | 59,59 | 160 | 1 |
| I180CATC | 60,85 | 180 | 1 |
| I200CATC | 62,04 | 200 | 1 |
| I220CATC | 63,61 | 220 | 1 |
| I250CATC | 78,09 | 250 | 1 |

## CC06

## Terminale cinese

*Rain ending part*

*Terminal chinois*



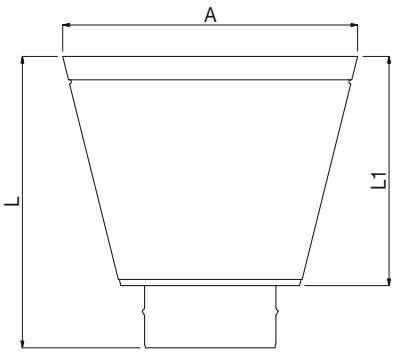

| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| J080CC06 | 26,51 | 80 | 180 | 185 | 50 | 1 |
| J100CC06 | 29,15 | 100 | 230 | 205 | 70 | 1 |
| J120CC06 | 33,10 | 120 | 265 | 205 | 70 | 1 |
| J130CC06 | 33,81 | 130 | 265 | 205 | 70 | 1 |
| J140CC06 | 34,40 | 140 | 265 | 210 | 75 | 1 |
| J150CC06 | 34,99 | 150 | 265 | 215 | 80 | 1 |
| J160CC06 | 42,19 | 160 | 320 | 225 | 90 | 1 |
| J180CC06 | 49,40 | 180 | 320 | 280 | 200 | 1 |
| J200CC06 | 50,66 | 200 | 320 | 235 | 100 | 1 |
| J220CC06 | 56,45 | 220 | 400 | 250 | 115 | 1 |
| J250CC06 | 65,19 | 250 | 400 | 260 | 125 | 1 |
| J300CC06 | 86,23 | 300 | 500 | 285 | 150 | 1 |
| J350CC06 | 103,37 | 350 | 600 | 310 | 175 | 1 |

## CAVE

## Terminale Venezia

*Venezia ending part*

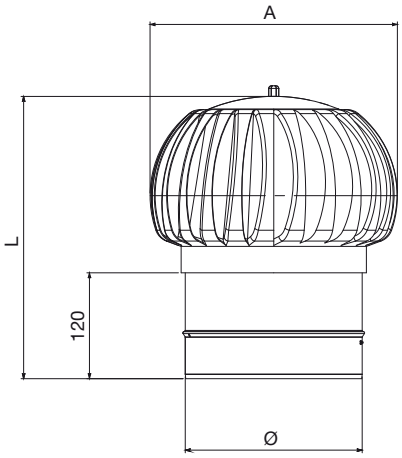
*Terminal Venezia*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| J080CAVE | 80,10 | 80 | 265 | 300 | 220 | 1 |
| J100CAVE | 80,10 | 100 | 265 | 300 | 220 | 1 |
| J120CAVE | 109,17 | 120 | 320 | 345 | 270 | 1 |
| J130CAVE | 109,95 | 130 | 320 | 345 | 270 | 1 |
| J140CAVE | 123,86 | 140 | 355 | 375 | 300 | 1 |
| J150CAVE | 137,79 | 150 | 355 | 375 | 300 | 1 |
| J160CAVE | 155,99 | 160 | 355 | 375 | 300 | 1 |
| J180CAVE | 174,21 | 180 | 410 | 430 | 345 | 1 |
| J200CAVE | 196,24 | 200 | 450 | 430 | 350 | 1 |
| J250CAVE | 254,47 | 250 | 540 | 450 | 390 | 1 |
| J300CAVE | 372,77 | 300 | 660 | 565 | 485 | 1 |
| J350CAVE | 802,30 | 350 | 700 | 640 | 560 | 1 |

## CE12

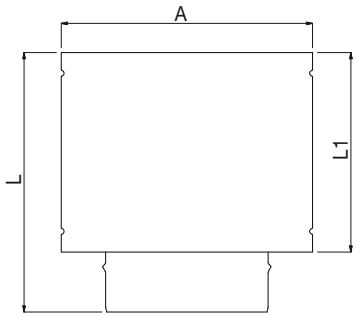
# Terminale eolico
*Aeolian ending part*
*Terminal éolien*




| codice<br>*code*<br>*code* | € | Ø | L | A | |
|---|---|---|---|---|---|
| J100CE12 | 73,25 | 100 | 295 | 215 | 1 |
| J120CE12 | 75,60 | 120 | 295 | 215 | 1 |
| J130CE12 | 75,94 | 130 | 295 | 215 | 1 |
| J140CE12 | 78,98 | 140 | 295 | 235 | 1 |
| J150CE12 | 82,02 | 150 | 295 | 235 | 1 |
| J160CE12 | 88,60 | 160 | 295 | 235 | 1 |
| J180CE12 | 95,20 | 180 | 330 | 260 | 1 |
| J200CE12 | 97,31 | 200 | 330 | 270 | 1 |
| J220CE12 | 105,60 | 220 | 340 | 300 | 1 |
| J250CE12 | 115,33 | 250 | 360 | 340 | 1 |
| J300CE12 | 144,62 | 300 | 420 | 410 | 1 |
| J350CE12 | 175,87 | 350 | 390 | 420 | 1 |
| J400CE12 | 223,50 | 400 | 380 | 470 | 1 |

## CAPE

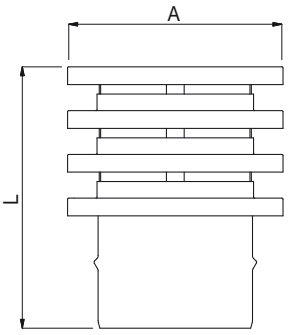
# Terminale antivento
*Wind proof ending part*
*Terminal anti-vent*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| J080CAPE | 38,52 | 80 | 185 | 240 | 165 | 1 |
| J100CAPE | 40,48 | 100 | 185 | 240 | 165 | 1 |
| J120CAPE | 45,83 | 120 | 220 | 240 | 165 | 1 |
| J130CAPE | 46,54 | 130 | 220 | 240 | 165 | 1 |
| J140CAPE | 51,92 | 140 | 260 | 260 | 200 | 1 |
| J150CAPE | 57,29 | 150 | 260 | 260 | 200 | 1 |
| J160CAPE | 64,29 | 160 | 260 | 280 | 200 | 1 |
| J180CAPE | 71,28 | 180 | 300 | 280 | 200 | 1 |
| J200CAPE | 71,45 | 200 | 310 | 320 | 250 | 1 |
| J220CAPE | 81,11 | 220 | 370 | 340 | 250 | 1 |
| J250CAPE | 95,63 | 250 | 420 | 340 | 250 | 1 |
| J300CAPE | 141,08 | 300 | 470 | 400 | 310 | 1 |
| J350CAPE | 163,72 | 350 | 530 | 400 | 310 | 1 |
| J400CAPE | 222,90 | 400 | 610 | 480 | 405 | 1 |

## CALM

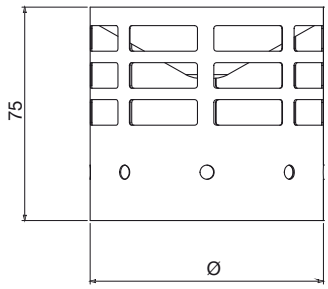
### Terminale lamellare
*Lamellar ending part*
*Chapeau lamellaire*




| codice<br>*code*<br>*code* | € | Ø | A | L | N. Lamelle | |
|---|---|---|---|---|---|---|
| J080CALM | 68,07 | 80 | 130 | 180 | 3 | 1 |
| J100CALM | 75,42 | 100 | 150 | 215 | 4 | 1 |
| J120CALM | 88,50 | 120 | 180 | 215 | 4 | 1 |
| J130CALM | 89,38 | 130 | 180 | 220 | 4 | 1 |
| J140CALM | 92,87 | 140 | 200 | 220 | 4 | 1 |
| J150CALM | 96,36 | 150 | 200 | 230 | 4 | 1 |
| J160CALM | 120,50 | 160 | 230 | 230 | 4 | 1 |
| J180CALM | 144,65 | 180 | 230 | 270 | 4 | 1 |
| J200CALM | 153,18 | 200 | 250 | 270 | 5 | 1 |
| J220CALM | 180,68 | 220 | 300 | 270 | 5 | 1 |
| J250CALM | 221,97 | 250 | 300 | 310 | 6 | 1 |
| J300CALM | 310,62 | 300 | 350 | 350 | 7 | 1 |

## CAP1

### Griglia di scarico
*Discharge grate*
*Grille de décharge*

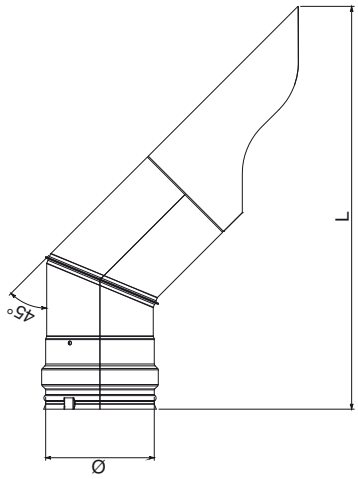



| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| J080CAP1 | 20,24 | 80 | 1 |
| J100CAP1 | 22,76 | 100 | 1 |

## TERM

## Terminale di scarico a becco

*Beak discharge ending part*
*Terminal de décharge à bec*

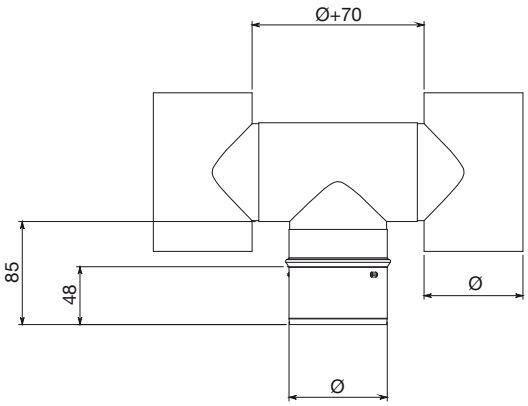



| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| I080TERM | 48,30 | 80 | 304 | 1 |
| I100TERM | 54,60 | 100 | 304 | 1 |

## TERH

## Terminale ad H

*H ending part*
*Chapeau H*



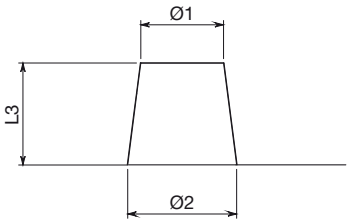

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| J080TERH | 26,25 | 80 | 1 |
| J100TERH | 31,50 | 100 | 1 |
| J120TERH | 43,26 | 120 | 1 |
| J130TERH | 49,04 | 130 | 1 |
| J140TERH | 53,40 | 140 | 1 |
| J150TERH | 56,49 | 150 | 1 |
| J160TERH | 63,87 | 160 | 1 |
| J180TERH | 76,31 | 180 | 1 |
| J200TERH | 104,31 | 200 | 1 |

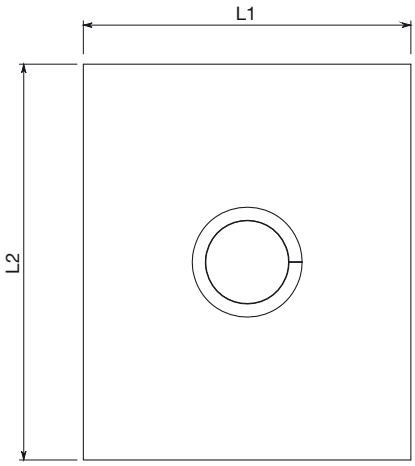
# FP23/24

## Faldale per tetti piani
*Flashing for flat roofs*
*Solin pour toits plats*

*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice *code code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| J080FP23 | 37,99 | 80 | 100 | 450 | 550 | 130 | 1 |
| J100FP23 | 37,99 | 100 | 120 | 450 | 550 | 140 | 1 |
| J120FP23 | 49,90 | 120 | 140 | 450 | 550 | 150 | 1 |
| J130FP23 | 49,90 | 130 | 150 | 450 | 550 | 150 | 1 |
| J140FP23 | 53,81 | 140 | 160 | 550 | 650 | 150 | 1 |
| J150FP23 | 53,81 | 150 | 170 | 550 | 650 | 160 | 1 |
| J160FP23 | 65,97 | 160 | 180 | 550 | 650 | 170 | 1 |
| J180FP23 | 71,46 | 180 | 200 | 650 | 750 | 170 | 1 |
| J200FP23 | 76,96 | 200 | 220 | 650 | 750 | 200 | 1 |
| J220FP23 | 84,10 | 220 | 240 | 650 | 750 | 200 | 1 |
| J250FP23 | 94,82 | 250 | 270 | 650 | 750 | 200 | 1 |
| J300FP23 | 97,37 | 300 | 320 | 750 | 850 | 230 | 1 |
| J350FP23 | 100,96 | 350 | 370 | 750 | 850 | 260 | 1 |
| J400FP23 | 165,38 | 400 | 420 | 800 | 900 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice *code code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| J080FP24 | 120,00 | 80 | 100 | 500 | 500 | 1 |
| J100FP24 | 131,24 | 100 | 120 | 500 | 500 | 1 |
| J120FP24 | 137,72 | 120 | 140 | 500 | 700 | 1 |
| J130FP24 | 149,04 | 130 | 150 | 500 | 700 | 1 |
| J140FP24 | 152,00 | 140 | 160 | 500 | 700 | 1 |
| J150FP24 | 198,00 | 150 | 170 | 700 | 1000 | 1 |
| J160FP24 | 201,00 | 160 | 180 | 700 | 1000 | 1 |
| J180FP24 | 208,00 | 180 | 200 | 700 | 1000 | 1 |
| J200FP24 | 224,00 | 200 | 220 | 800 | 1000 | 1 |
| J220FP24 | 251,12 | 220 | 240 | 800 | 1000 | 1 |
| J250FP24 | 260,00 | 250 | 270 | 800 | 1000 | 1 |
| J300FP24 | 316,00 | 300 | 320 | 1000 | 1000 | 1 |
| J350FP24 | 372,60 | 350 | 370 | 1000 | 1000 | 1 |

# FI20/21

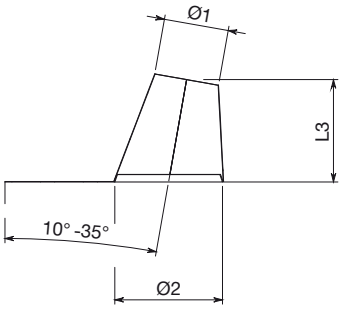
## Faldale per tetti inclinati 10-35°

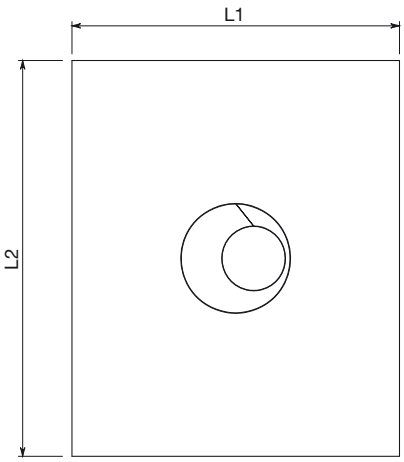
*Flashing for sloped roofs from 10° to 35°*

*Solin pour toits inclinés de 10° à 35°*

*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice *code code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| J080FI20 | 42,97 | 80 | 100 | 450 | 550 | 130 | 1 |
| J100FI20 | 42,97 | 100 | 120 | 450 | 550 | 140 | 1 |
| J120FI20 | 47,13 | 120 | 140 | 450 | 550 | 150 | 1 |
| J130FI20 | 47,13 | 130 | 150 | 450 | 550 | 150 | 1 |
| J140FI20 | 51,76 | 140 | 160 | 550 | 650 | 160 | 1 |
| J150FI20 | 51,76 | 150 | 170 | 550 | 650 | 160 | 1 |
| J160FI20 | 56,93 | 160 | 180 | 550 | 650 | 170 | 1 |
| J180FI20 | 62,09 | 180 | 200 | 650 | 750 | 170 | 1 |
| J200FI20 | 71,51 | 200 | 220 | 650 | 750 | 200 | 1 |
| J220FI20 | 77,01 | 220 | 240 | 650 | 750 | 200 | 1 |
| J250FI20 | 85,28 | 250 | 270 | 650 | 750 | 200 | 1 |
| J300FI20 | 88,14 | 300 | 320 | 750 | 850 | 230 | 1 |
| J350FI20 | 96,27 | 350 | 370 | 750 | 850 | 260 | 1 |
| J400FI20 | 163,68 | 400 | 420 | 800 | 900 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice *code code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| J080FI21 | 120,00 | 80 | 100 | 500 | 500 | 1 |
| J100FI21 | 131,24 | 100 | 120 | 500 | 500 | 1 |
| J120FI21 | 137,72 | 120 | 140 | 500 | 700 | 1 |
| J130FI21 | 149,04 | 130 | 150 | 500 | 700 | 1 |
| J140FI21 | 152,28 | 140 | 160 | 500 | 700 | 1 |
| J150FI21 | 198,00 | 150 | 170 | 700 | 1000 | 1 |
| J160FI21 | 201,00 | 160 | 180 | 700 | 1000 | 1 |
| J180FI21 | 208,00 | 180 | 200 | 700 | 1000 | 1 |
| J200FI21 | 224,00 | 200 | 220 | 800 | 1000 | 1 |
| J220FI21 | 251,12 | 220 | 240 | 800 | 1000 | 1 |
| J250FI21 | 260,00 | 250 | 270 | 800 | 1000 | 1 |
| J300FI21 | 316,00 | 300 | 320 | 1000 | 1000 | 1 |
| J350FI21 | 372,60 | 350 | 370 | 1000 | 1000 | 1 |

## FI30

# Faldale con base in gomma per tetti inclinati da 5° a 32°

*Flashing with rubber base for sloped roofs from 5° to 32°*

*Solin avec base en gomme pour toits inclinés de 5° à 32°*

| codice<br>*code*<br>*code* | € | Ø1 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| J080FI30 | 81,41 | 80 | 500 | 560 | 130 | 1 |
| J100FI30 | 81,41 | 100 | 500 | 560 | 140 | 1 |
| J120FI30 | 97,94 | 120 | 560 | 688 | 150 | 1 |
| J130FI30 | 97,94 | 130 | 560 | 688 | 150 | 1 |
| J140FI30 | 101,44 | 140 | 560 | 688 | 150 | 1 |
| J150FI30 | 108,44 | 150 | 560 | 715 | 160 | 1 |
| J160FI30 | 118,72 | 160 | 560 | 715 | 170 | 1 |
| J180FI30 | 140,98 | 180 | 625 | 1006 | 170 | 1 |
| J200FI30 | 144,69 | 200 | 625 | 1006 | 200 | 1 |
| J220FI30 | 159,53 | 220 | 688 | 1006 | 200 | 1 |
| J250FI30 | 174,37 | 250 | 715 | 1006 | 200 | 1 |
| J300FI30 | 181,79 | 300 | 715 | 1006 | 230 | 1 |
| J350FI30 | 196,63 | 350 | 800 | 1006 | 260 | 1 |
| J400FI30 | 211,47 | 400 | 800 | 1006 | 260 | 1 |

Apros è sempre attenta ai nuovi materiali che consentono un'installazione rapida, sicura e duratura nel tempo.
Vi presentiamo il nuovo faldale in gomma extra-flex, con base adesiva, molto malleabile e adattabile ad ogni tipologia di tetto inclinato da 5° a 32°.

*Apros is always attentive to new materials, that allow a quick, safe and lasting installation.*
*We introduce you the new flashing in extra-flex rubber, with adhesive base, which is very malleable and adaptable to any type of sloped roof from 5° to 32°.*

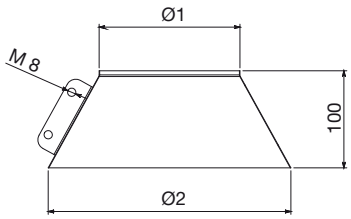
*APROS est toujours attentive aux nouveaux matériaux qui permettent une installation rapide, sûre et durable.*
*Nous présentons le nouveau solin supplémentaires en extra-flex gomme, avec base adhésive, qui est très malléable et adaptable à chaque typologie de toit en pente de 5° à 32°.*

## SS22

# Scossalina

*Collar*

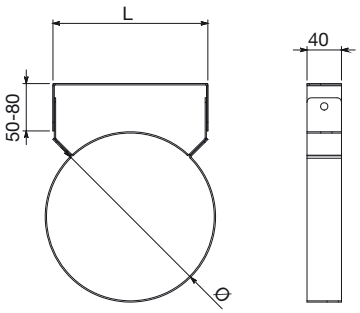
*Collerette de solin*




| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| J080SS22 | 18,12 | 80 | 180 | 1 |
| J100SS22 | 18,12 | 100 | 200 | 1 |
| J120SS22 | 18,66 | 120 | 220 | 1 |
| J130SS22 | 18,66 | 130 | 230 | 1 |
| J140SS22 | 20,00 | 140 | 240 | 1 |
| J150SS22 | 20,00 | 150 | 250 | 1 |
| J160SS22 | 26,40 | 160 | 260 | 1 |
| J180SS22 | 26,40 | 180 | 280 | 1 |
| J200SS22 | 26,40 | 200 | 300 | 1 |
| J220SS22 | 33,01 | 220 | 320 | 1 |
| J250SS22 | 33,01 | 250 | 350 | 1 |
| J300SS22 | 36,86 | 300 | 400 | 1 |
| J350SS22 | 63,06 | 350 | 450 | 1 |
| J400SS22 | 90,16 | 400 | 600 | 1 |

## FM14

### Fascetta murale
*Wall clamp*
*Collier mural*

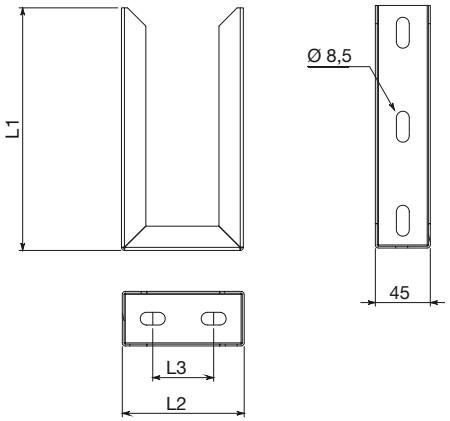



| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| J080FM14 | 14,28 | 80 | 105 | 1 |
| J100FM14 | 15,26 | 100 | 110 | 1 |
| J120FM14 | 15,96 | 120 | 130 | 1 |
| J130FM14 | 17,79 | 130 | 130 | 1 |
| J140FM14 | 18,31 | 140 | 145 | 1 |
| J150FM14 | 18,82 | 150 | 145 | 1 |
| J160FM14 | 21,00 | 160 | 135 | 1 |
| J180FM14 | 23,19 | 180 | 165 | 1 |
| J200FM14 | 24,57 | 200 | 180 | 1 |
| J220FM14 | 26,11 | 220 | 200 | 1 |
| J250FM14 | 28,44 | 250 | 220 | 1 |
| J300FM14 | 34,11 | 300 | 250 | 1 |
| J350FM14 | 39,15 | 350 | 290 | 1 |
| J400FM14 | 45,76 | 400 | 350 | 1 |

## PSFP

### Prolunga per fissaggio staffa
*Extension for mounting bracket*
*Extension pour support de montage*

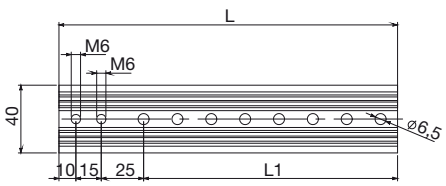
**Fino ad esaurimento - *While stocks last - Jusqu'à épuisement***




| codice<br>*code*<br>*code* | € | Ø1 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| J100PSFP | 25,20 | 100 | 200 | 110 | 65 | 1 |
| J120PSFP | 25,73 | 120 | 200 | 130 | 70 | 1 |
| J140PSFP | 26,78 | 140 | 200 | 145 | 85 | 1 |
| J160PSFP | 27,83 | 160 | 200 | 135 | 110 | 1 |
| J300PSFP | 32,55 | 300 | 200 | 250 | 200 | 1 |
| J350PSFP | 33,60 | 350 | 200 | 290 | 240 | 1 |
| J400PSFP | 36,75 | 400 | 200 | 350 | 280 | 1 |

## PSF1/2

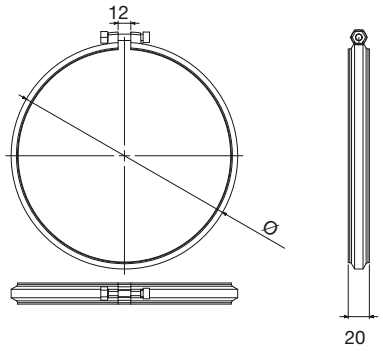
### Prolunga per fissaggio staffa
*Extension mounting bracket*
*Extension du support de montage*




| codice<br>*code*<br>*code* | € | L1 | |
|---|---|---|---|
| JUNVPSF1 | 12,00 | 100 | 1 |
| JUNVPSF2 | 15,00 | 200 | 1 |

## FB19

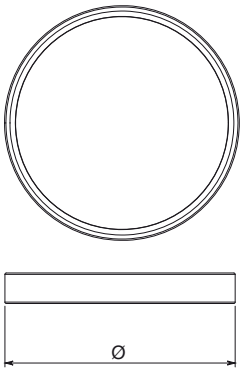
### Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>code<br>code | € | Ø | |
|---|---|---|---|
| J080FB19 | 3,87 | 80 | 1 |
| J100FB19 | 3,91 | 100 | 1 |
| J120FB19 | 3,95 | 120 | 1 |
| J130FB19 | 4,12 | 130 | 1 |
| J140FB19 | 4,14 | 140 | 1 |
| J150FB19 | 4,16 | 150 | 1 |
| J160FB19 | 4,20 | 160 | 1 |
| J180FB19 | 4,25 | 180 | 1 |
| J200FB19 | 5,46 | 200 | 1 |
| J220FB19 | 5,83 | 220 | 1 |
| J250FB19 | 5,94 | 250 | 1 |
| J300FB19 | 6,41 | 300 | 1 |
| J350FB19 | 8,51 | 350 | 1 |
| J400FB19 | 9,58 | 400 | 1 |

## GUAR

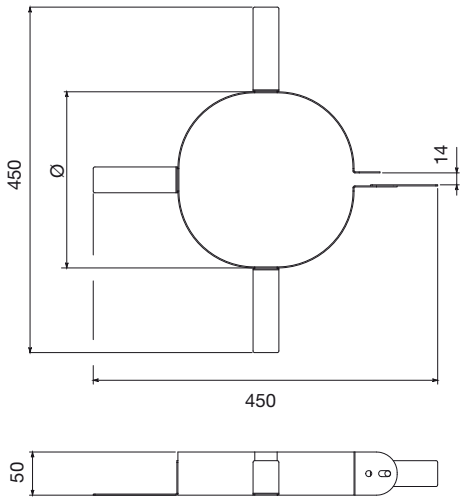
### Guarnizione al silicone nero
*Black silicone gasket*
*Joint au silicone noir*




| codice<br>code<br>code | € | Ø | |
|---|---|---|---|
| I080GUAR | 0,88 | 80 | 1 |
| I100GUAR | 1,21 | 100 | 1 |
| I120GUAR | 1,45 | 120 | 1 |
| I130GUAR | 1,81 | 130 | 1 |
| I140GUAR | 2,06 | 140 | 1 |
| I150GUAR | 2,33 | 150 | 1 |
| I160GUAR | 2,56 | 160 | 1 |
| I180GUAR | 2,80 | 180 | 1 |
| I200GUAR | 3,57 | 200 | 1 |
| I220GUAR | 5,46 | 220 | 1 |
| I250GUAR | 6,03 | 250 | 1 |
| I300GUAR | 6,57 | 300 | 1 |
| I350GUAR | 7,34 | 350 | 1 |
| I400GUAR | 8,75 | 400 | 1 |

## FC71

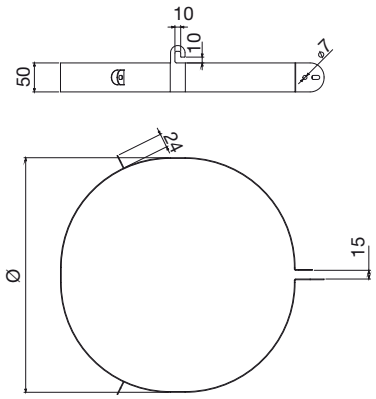
### Fascetta di centraggio
*Centering clamp*
*Collier de centrage*




| codice<br>code<br>code | € | Ø | |
|---|---|---|---|
| J080FC71 | 32,32 | 80 | 1 |
| J100FC71 | 34,20 | 100 | 1 |
| J120FC71 | 34,40 | 120 | 1 |
| J130FC71 | 35,00 | 130 | 1 |
| J140FC71 | 35,60 | 140 | 1 |
| J150FC71 | 36,20 | 150 | 1 |
| J160FC71 | 36,40 | 160 | 1 |
| J180FC71 | 37,20 | 180 | 1 |
| J200FC71 | 37,80 | 200 | 1 |
| J220FC71 | 38,60 | 220 | 1 |
| J250FC71 | 39,80 | 250 | 1 |
| J300FC71 | 40,00 | 300 | 1 |
| J350FC71 | 40,60 | 350 | 1 |
| J400FC71 | 45,80 | 400 | 1 |

## CT25

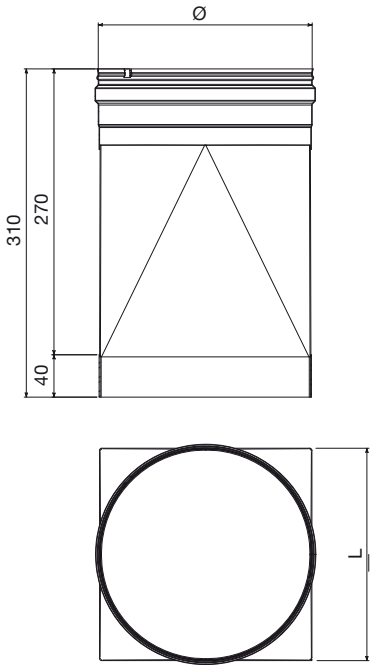
### Fascia cavi tiranti e discesa
*Clamp for tie cables and descent*
*Collier pour hauban et descente*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| J080CT25 | 34,44 | 80 | 1 |
| J100CT25 | 34,44 | 100 | 1 |
| J120CT25 | 34,44 | 120 | 1 |
| J130CT25 | 34,44 | 130 | 1 |
| J140CT25 | 34,44 | 140 | 1 |
| J150CT25 | 34,44 | 150 | 1 |
| J160CT25 | 40,70 | 160 | 1 |
| J180CT25 | 40,70 | 180 | 1 |
| J200CT25 | 40,70 | 200 | 1 |
| J220CT25 | 40,70 | 220 | 1 |
| J250CT25 | 40,70 | 250 | 1 |
| J300CT25 | 40,70 | 300 | 1 |
| J350CT25 | 53,36 | 350 | 1 |
| J400CT25 | 69,75 | 400 | 1 |

## TR28

### Raccordo per sezioni da quadrate a tonde
*Adjustable pipe fitting from square to round flues*
*Raccord d'adaptation de conduits carrés à conduits ronds*

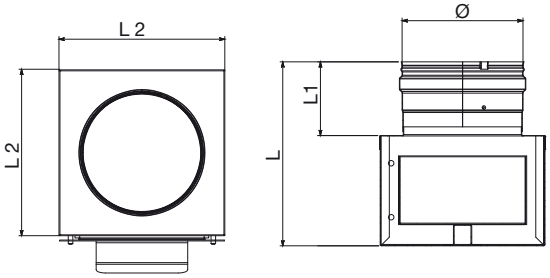



| codice<br>*code*<br>*code* | € | Ø | L x L | |
|---|---|---|---|---|
| I150TR28 | 233,64 | 150 | 150x150 | 1 |
| I180TR28 | 251,14 | 180 | 180x180 | 1 |
| I200TR28 | 256,82 | 200 | 200x200 | 1 |
| I250TR28 | 264,55 | 250 | 250x250 | 1 |
| I300TR28 | 270,54 | 300 | 300x300 | 1 |

**N.B.** Per eventuali forniture di TR28 speciali, solo su richiesta.

## RACE

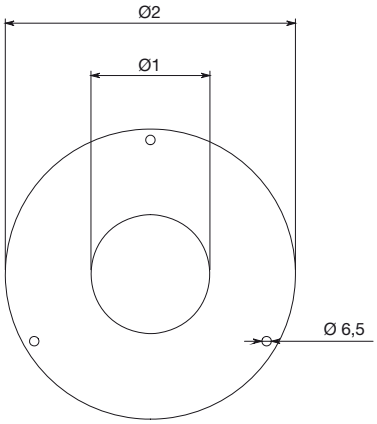
### Cassetta raccogli cenere
*Ash Collect Box*
*Boite Recueil Cendre*




| codice<br>*code*<br>*code* | € | Ø | L | L1 | L2 | |
|---|---|---|---|---|---|---|
| I080RACE | 124,32 | 80 | 200 | 80 | 182 | 1 |
| I100RACE | 128,00 | 100 | 200 | 80 | 182 | 1 |
| I120RACE | 131,20 | 120 | 200 | 80 | 182 | 1 |
| I130RACE | 137,60 | 130 | 200 | 80 | 182 | 1 |
| I140RACE | 144,00 | 140 | 200 | 80 | 252 | 1 |
| I150RACE | 156,38 | 150 | 200 | 80 | 252 | 1 |
| I160RACE | 158,40 | 160 | 200 | 80 | 252 | 1 |
| I180RACE | 160,00 | 180 | 200 | 80 | 252 | 1 |
| I200RACE | 163,20 | 200 | 200 | 80 | 252 | 1 |

## ROS3

### Rosone a 3 fori
*Ring with 3 holes*
*Rosace avec 3 trous*




| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| J080ROS3 | 25,99 | 80 | 200 | 1 |
| J100ROS3 | 28,62 | 100 | 200 | 1 |

## PIRO

## Pirometro
*Pyrometer*
*Pyromètre*

| codice *code code* | € | |
|---|---|---|
| IUNVPIRO | 13,39 | 1 |

## COPP

## Coppelle
*Thermal insulation*
*Isolation thermique*

Coppelle in lana di roccia
per canne fumarie densità 90Kg/mc

*Rock wool insulation*
*for flue pipe density 90 kg/M³*

*Copeaux de laine de roche*
*pour conduit de fumée densité 90 kg/M³*

| codice *code code* | € | Ø | SP. | H |
|---|---|---|---|---|
| I080COPP | 6,23 | 80 | 25 | 950 |
| I100COPP | 7,41 | 100 | 25 | 950 |
| I120COPP | 8,60 | 120 | 25 | 950 |
| I130COPP | 9,19 | 130 | 25 | 950 |
| I140COPP | 9,77 | 140 | 25 | 950 |
| I150COPP | 10,38 | 150 | 25 | 950 |
| I160COPP | 10,97 | 160 | 25 | 950 |
| I180COPP | 12,15 | 180 | 25 | 950 |
| I200COPP | 13,34 | 200 | 25 | 950 |
| I250COPP | 16,29 | 250 | 25 | 950 |
| I300COPP | 18,53 | 300 | 25 | 950 |
| I350COPP | 22,22 | 350 | 25 | 950 |
| I400COPP | 25,19 | 400 | 25 | 950 |

| codice *code code* | € | Ø | SP. | H |
|---|---|---|---|---|
| I080COPA | 10,46 | 80 | 25 | 950 |
| I100COPA | 11,85 | 100 | 25 | 950 |
| I120COPA | 13,23 | 120 | 25 | 950 |
| I130COPA | 13,96 | 130 | 25 | 950 |
| I140COPA | 14,65 | 140 | 25 | 950 |
| I150COPA | 15,35 | 150 | 25 | 950 |
| I180COPA | 17,69 | 180 | 25 | 950 |
| I200COPA | 19,27 | 200 | 25 | 950 |
| I250COPA | 23,30 | 250 | 25 | 950 |
| I300COPA | 27,32 | 300 | 25 | 950 |
| I350COPA | 31,28 | 350 | 25 | 950 |
| I400COPA | 35,34 | 400 | 25 | 950 |

con Alluminio
with Alluminium
avec Alluminium

## T100/250/500

## Elemento lineare
*Linear element*
*Elément droit*

| codice NERO<br>*BLACK code*<br>*code NOIR* | € | Ø | L | |
|---|---|---|---|---|
| Q080T250 | 12,96 | 80 | 250 | 2 |
| Q100T250 | 13,95 | 100 | 250 | 2 |
| Q120T250 | 17,85 | 120 | 250 | 1 |
| Q080T500 | 18,46 | 80 | 500 | 2 |
| Q100T500 | 20,10 | 100 | 500 | 2 |
| Q120T500 | 25,34 | 120 | 500 | 1 |
| Q080T100 | 23,56 | 80 | 1000 | 2 |
| Q100T100 | 27,67 | 100 | 1000 | 2 |
| Q120T100 | 34,35 | 120 | 1000 | 1 |

## C090

## Curva a 90°
*90° Bent pipe*
*Coude 90°*

| codice NERO<br>*BLACK code*<br>*code NOIR* | € | Ø | A | B | C | |
|---|---|---|---|---|---|---|
| Q080C090 | 28,04 | 80 | 152 | 192 | 107 | 2 |
| Q100C090 | 30,21 | 100 | 152 | 202 | 107 | 2 |
| Q120C090 | 33,01 | 120 | 162 | 222 | 117 | 1 |



Acciaio inox 304 *Stainless steel 304 Acier inox 304* Spessore *Thickness Epaisseur* 0,5 mm

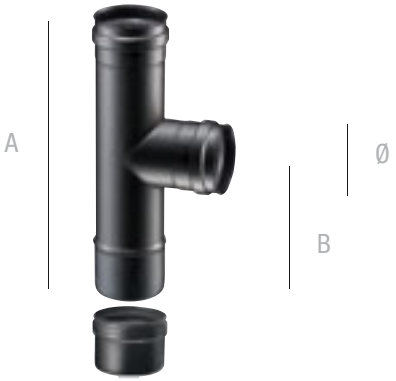
## C045

### Curva a 45°
*45° Bent pipe*
*Coude 45°*

| codice NERO<br>*BLACK code*<br>*code NOIR* | € | Ø | A | B | C | |
|---|---|---|---|---|---|---|
| Q080C045 | 23,84 | 80 | 118 | 115 | 99 | 2 |
| Q100C045 | 25,34 | 100 | 116 | 113 | 102 | 2 |
| Q120C045 | 27,92 | 120 | 124 | 121 | 112 | 1 |

## RACT

### Raccordo a “T” completo di tappo
*“T” pipe fitting with cap*
*Raccord en “T” avec bouchon*




| codice NERO<br>*BLACK code*<br>*code NOIR* | € | Ø | A | B | |
|---|---|---|---|---|---|
| Q080RACT | 43,36 | 80 | 245 | 123 | 1 |
| Q100RACT | 45,04 | 100 | 245 | 123 | 1 |
| Q120RACT | 58,99 | 120 | 265 | 129 | 1 |

## GUAR

### Guarnizione
*Gasket*
*Joint*

GUARNIZIONE IN SILICONE NERO RESISTENTE FINO A 200°
*Black silicone gasket resistant up to 200°*
*Joint au silicone noir résistant jusquà 200°*

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080GUAR | 0,88 | 80 | *1* |
| I100GUAR | 1,21 | 100 | *1* |
| I120GUAR | 1,45 | 120 | *1* |

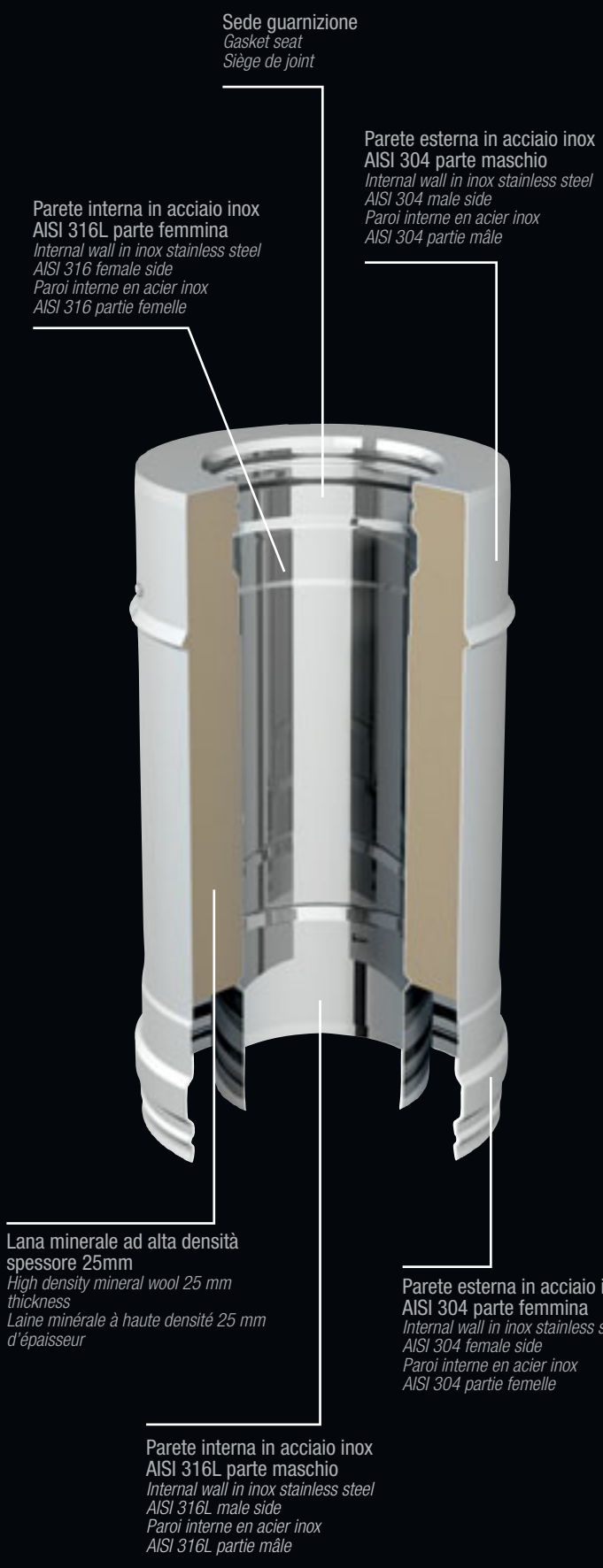
# La tecnologia al servizio del design

# Dynamic **Two**

Dynamic **Two**

EN 1856-1: 2009
No. 0063-CPD-52976/4

# Acciaio inox doppia parete AISI 316 L interno e AISI 304 BA esterno


Sede guarnizione
Gasket seat
Siège de joint
Parete esterna in acciaio inox AISI 304 parte maschio
Internal wall in inox stainless steel AISI 304 male side
Paroi interne en acier inox AISI 304 partie mâle
Parete interna in acciaio inox AISI 316L parte femmina
Internal wall in inox stainless steel AISI 316 female side
Paroi interne en acier inox AISI 316 partie femelle
Lana minerale ad alta densità spessore 25mm
High density mineral wool 25 mm thickness
Laine minérale à haute densité 25 mm d'épaisseur
Parete esterna in acciaio inox AISI 304 parte femmina
Internal wall in inox stainless steel AISI 304 female side
Paroi interne en acier inox AISI 304 partie femelle
Parete interna in acciaio inox AISI 316L parte maschio
Internal wall in inox stainless steel AISI 316L male side
Paroi interne en acier inox AISI 316L partie mâle

**Applicazioni:**
Evacuazione fumi per funzionamento a secco o a umido in pressione P1 (con guarnizione) e N1 (senza guarnizione)
Evacuazione dei prodotti di ventilazione

**Caratteristiche tecniche:**
Parete interna in Acciaio inox AISI 316 L spessore 0,5 mm
Parete esterna in Acciaio inox AISI 304 BA spessore 0,5 mm
Coibentazione con lana di roccia sp. 25 mm. La lana di roccia è insufflata tra le due pareti con un procedimento automatico per garantire sempre una densità media di 180kg/m³.
Alle estremità del tubo vengono posti degli anelli di chiusura
Disponibile nei diametri: 80/130 – 100/150 130/180 150/200 – 180/230 – 200/250 – 250/300 – 300/350 350/400
Saldatura longitudinale al laser
Tutte le curve sono saldate con il nuovo sistema al TIG automatizzato
Imbocco con particolare sistema "click-clack", questo sistema viene applicato dal diam. 80 al diam. 150 compreso
Guarnizione siliconica nera a triplo labbro che assicura una ottima tenuta tra le due giunzioni (su richiesta)

**Accessori:**
Fascetta di bloccaggio consigliata e fornita su richiesta

**Temperatura di esercizio:**
Max 200°: con guarnizione siliconica (pressione P1 – 200 Pa)
Max 600°: senza guarnizione siliconica (pressione N1 – 40 Pa)

**Certificazione:**
CE (EN 1856-1)

**Designazione tecnica:**
T200-P1-W-V2-L50050-O30 sistema areato con elastomero di tenuta
T200-P1-W-V2-L50050-O00 sistema areato con elastomero di tenuta e singola lastra materiale coibentante
T600-N1-D-V2-L50050-O60 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-O50 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-O80 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante, passaggio a tetto
T600-N1-D-V2-L50050-G50 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-G40 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-G150 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante, passaggio a tetto
Certificato No. 0063-CPD-52976/4

# Inox stainless steel double wall internal AISI 316 L and external AISI 304 BA

***Applications:***
*Fumes discharge for dry and wet working conditions under pressure P1 (with gasket) and N1 (without gasket)*
*Discharge of ventilation products*

***Technical features:***
*Internal wall in inox stainless steel AISI 316 L*
*thickness 0,5 mm*
*External wall in inox stainless steel AISI 304 BA*
*thickness 0,5 mm*
*Insulation by rock wool thickness 25 mm. The rock wool is insufflated between the two walls through an automatic process to guarantee always a medium density 180kg / m³. Closing rings are placed at the ends of the tube.*
*Available diameters: 80/130 – 100/150 – 130/180 150/200 180/230 – 200/250 – 250/300 – 300/350 350/400*
*Longitudinal welding by laser process*
*All bends are welded with the new system automated TIG*
*Mouth with particular system "click-clack", this system is applied from diam. 80 to diam. 150 included*
*"Triple lip" black silicon gasket which assures a perfect tightness between the two hose couplings (on request)*

***Accessories:***
*Locking clamp, recommended and provided on request*

***Working temperature:***
*Max 200°: with silicon gasket (pressure P1 – 200 Pa)*
*Max 600°: without silicon gasket (pressure N1 – 40 Pa)*

***Certification:***
*CE (EN 1856-1)*

***Technical specifications:***
*T200-P1-W-V2-L50050-O30 aired system with tightness elastomer*
*T200-P1-W-V2-L50050-O00 aired system with tightness elastomer and single layer insulation material*
*T600-N1-D-V2-L50050-O60 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-O50 aired system without tightness elastomer with double layer insulation material*
*T600-N1-D-V2-L50050-O80 aired system without tightness elastomer with double layer insulation material, passage roof*
*T600-N1-D-V2-L50050-G50 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-G40 not aired system without tightness elastomer, with double layer insulation material*
*T600-N1-D-V2-L50050-G150 not aired system without tightness elastomer, with double layer insulation material, passage roof*
*Certificate No. 0063-CPD-52976/4*

# Tuyaux inox double paroi, à l'intérieur AISI 316 L et à l'extérieur AISI 304 BA

***Applications:***
*Evacuation des fumées pour fonctionnement à sec ou humide en pression P1 (avec joint) et N1 (sans joint)*
*Evacuation des produits de ventilation*
*Caractéristiques techniques:*
*Paroi interne en acier inox AISI 316 L épaisseur 0,5 mm*
*Paroi externe en acier inox AISI 304 BA épaisseur 0,5 mm*
*Isolation par laine de roche épaisseur 25 mm. La laine de roche est soufflée entre les deux parois avec un procédé automatique pour garantir toujours la densité moyenne de 180kg / m³.*
*Aux extrémités du tube il y a des anneaux de clôture.*
*Diamètres disponibles: 80/130 – 100/150 – 130/180 150/200 – 180/230 – 200/250 – 250/300 – 300/350*
*350/400*
*Soudure longitudinale au laser*
*Toutes les coudes sont soudées par le nouveau système au TIG automatisé*
*Embouchure avec système particulier "click-clack", ce système est appliqué du diam. 80 au diam. 150 inclus*
*Joint au silicone noir à triple lèvre qui assure une bonne étanchéité entre les deux jonctions (sur requête)*

***Accessoires:***
*Collier de blocage recommandé et fourni sur demande*

***Température d'exercice:***
*Max 200°: avec joint au silicone (pression P1 – 200 Pa)*
*Max 600°: sans joint au silicone (pression N1 – 40 Pa)*

***Certification:***
*CE (EN 1856-1)*

***Désignation technique:***
*T200-P1-W-V2-L50050-O30 système aéré avec élastomère d'étanchéité*
*T200-P1-W-V2-L50050-O00 système aéré avec élastomère d'étanchéité et simple feuille de matériel isolant*
*T600-N1-D-V2-L50050-O60 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-O50 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-O80 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant, passage au toit*
*T600-N1-D-V2-L50050-G50 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-G40 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-G150 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant, passage au toit*
*Certificat No. 0063-CPD-52976/4*

EN 1856-1: 2009
No. 0063-CPD-52976/4

# Designazione tecnica del prodotto secondo EN 1856-1:2009

La designazione riguarda tutti gli elementi doppia parete e sono state così definite:

**Condotto fumario con funzionamento in pressione positiva P1:**

EN 1856-1 T200-P1-W-V2-L50050-O30 sistema areato con elastomero di tenuta

EN 1856-1 T200-P1-W-V2-L50050-O00 sistema areato con elastomero di tenuta e singola lastra materiale coibentante

**Spiegazione designazione:**

EN 1856-1: normativa di riferimento

T200: classe di temperatura

P1: classe di pressione in pressione positiva

W: resistenza alla condensa

(W: umido – D: secco)

V2: resistenza alla corrosione

L50: specifica del materiale utilizzato (aisi 316 L)

050: spessore del materiale 0,50 mm

O30: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 30 mm

O00: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 0 mm

Condotto fumario con funzionamento in pressione negativa N1:

T600-N1-D-V2-L50050-O60 sistema areato senza elastomero di tenuta

T600-N1-D-V2-L50050-O50 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante

T600-N1-D-V2-L50050-O80 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante passaggio a tetto

T600-N1-D-V2-L50050-G50 sistema areato senza elastomero di tenuta

T600-N1-D-V2-L50050-G40 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante

T600-N1-D-V2-L50050-G150 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante passaggio a tetto

**Spiegazione designazione:**

EN 1856-1: normativa di riferimento

T600: classe di temperatura

N1: classe di pressione in pressione negativa

D: resistenza alla condensa (W: umido – D: secco)

V2: resistenza alla corrosione

L50: specifica del materiale utilizzato (aisi 316 L)

050: spessore del materiale 0,50 mm

O60: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 60 mm

O50: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 50 mm

O80: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 80 mm

G50: resistente all'incendio di fuliggine.
Distanza minima dalle pareti infiammabili è di 50 mm

G40: resistente all'incendio di fuliggine.
Distanza minima dalle pareti infiammabili è di 40 mm

G150: resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 150 mm

EN 1856-1: 2009
No. 0063-CPD-52976/4

# Technical specification of the product according to EN 1856-1:2009

The specification covers all double wall elements and it was defined in such way:

**Smoke flue operating with positive pressure P1:**
EN 1856-1 T200-P1-W-V2-L50050-O30
aired system with tightness elastomer
EN 1856-1 T200-P1-W-V2-L50050-O00 aired system with tightness elastomer and single layer insulation material

**Explanation of the specification:**
EN 1856-1: rule of reference
T200: temperature class
P1: class of pressure in positive pressure
W: resistance to condensation (W: wet – D: dry)
V2: resistance to corrosion
L50: specification of the material (AISI 316L)
050: thickness of the material 0,50 mm
O70: not resistant to fire soot. Minimum distance from combustible walls is 70 mm
O00: not resistant to fire soot. Minimum distance from combustible walls is 0 mm

**Smoke flue operating with negative pressure N1:**
T600-N1-D-V2-L50050-O60 aired system without tightness elastomer
T600-N1-D-V2-L50050-O50 aired system without tightness elastomer and double layer insulation material
T600-N1-D-V2-L50050-O80 aired system without tightness elastomer and double layer insulation material, passage roof
T600-N1-D-V2-L50050-G50 aired system without tightness elastomer
T600-N1-D-V2-L50050-G40 not aired system without tightness elastomer, with double layer insulation material
T600-N1-D-V2-L50050-G150 not aired system without tightness elastomer, with double layer insulation material, passage roof

**Explanation of the specification:**
EN 1856-2: rule of reference
T600: temperature class
N1: class of pressure in negative pressure
W: resistance to condensation (W: wet – D: dry)
V2: resistance to corrosion
L50: specification of the material (AISI 316L)
050: thickness of the material 0,50 mm
O60: not resistant to fire soot.
Minimum distance from combustible walls is 60 mm
O50: not resistant to fire soot.
Minimum distance from combustible walls is 50 mm
O80: not resistant to fire soot.
Minimum distance from combustible walls is 80 mm
G50: resistant to fire soot.
Minimum distance from combustible walls is 50 mm
G40: resistant to fire soot.
Minimum distance from combustible walls is 40 mm
G150: resistant to fire soot.
Minimum distance from combustible walls is 150 mm

Saldatura sistema laser + TIG
*Welding system laser + TIG*
*Soudage système laser + TIG*

Particolare dell'imbocco con il nostro sistema "clic-clak".
Questo sistema viene applicato su tutti i prodotti acciaio inox dal diam. 80 al diam. 200

*Inlet detail for our "clic-clak" system. This system is applied on all stainless steel products from diam. 80 to diam. 200.*

*Détail de l'embouchure avec notre système "clic-clak". Ce système est appliqué à tous les produits en acier inox du diam. 80 au diam. 200.*

EN 1856-1: 2009
No. 0063-CPD-52976/4

# Désignation technique du produit selon EN 1856-1: 2009

kiwa
Partner for progress

La désignation couvre tous les éléments double paroi et elle a été définie de cette manière:

**Conduit de fumée avec fonctionnement en pression positive P1:**
EN1856-1 T200-P1-W-V2-L50050-O30
système aéré avec élastomère d'étanchéité
EN 1856-1 T200-P1-W-V2-L50050-O00 système aéré avec élastomère d'étanchéité et feuille simple de matériel isolant

**Explication de la désignation:**
EN 1856-2: norme de référence
T200: classe de température
P1: classe de pression en pression positive
W: résistance à la condensation (W : humide – D : sec)
V2: résistance à la corrosion
L50: détail du matériel utilisé (AISI 316L)
050: épaisseur du matériel 0,50 mm
O70: non résistant au feu de suie. La distance minimale des parois combustibles est de 70 mm
O00: non résistant au feu de suie. La distance minimale des parois combustibles est de 0 mm

**Conduit de fumée avec fonctionnement en pression négative N1:**
T600-N1-D-V2-L50050-O60 système aéré sans élastomère d'étanchéité
T600-N1-D-V2-L50050-O50 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant
T600-N1-D-V2-L50050-O80 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant, passage au toit
T600-N1-D-V2-L50050-G50 système aéré sans élastomère d'étanchéité
T600-N1-D-V2-L50050-G40 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant
T600-N1-D-V2-L50050-G150 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant, passage au toit

**Explication de la désignation:**
EN 1856-2: norme de référence
T600: classe de température
N1: classe de pression en pression négative
W: résistance à la condensation (W : humide – D : sec)
V2: résistance à la corrosion
L500: détail du matériel utilisé (AISI 316L)
050: épaisseur du matériel 0,50 mm
O60: non résistant au feu de suie. La distance minimale des parois inflammables est de 60 mm
O50: non résistant au feu de suie. La distance minimale des parois inflammables est de 50 mm
O80: non résistant au feu de suie. La distance minimale des parois inflammables est de 80 mm
G50: résistant au feu de suie. La distance minimale des parois inflammables est de 50 mm
G40: résistant au feu de suie. La distance minimale des parois inflammables est de 40 mm
G150: résistant au feu de suie. La distance minimale des parois inflammables est de 150 mm

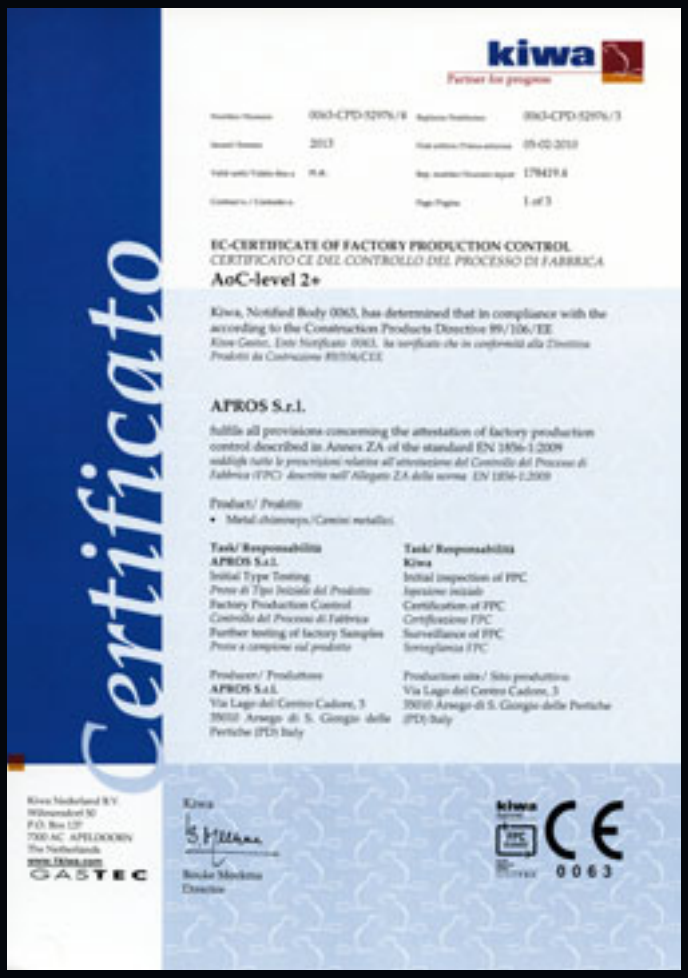
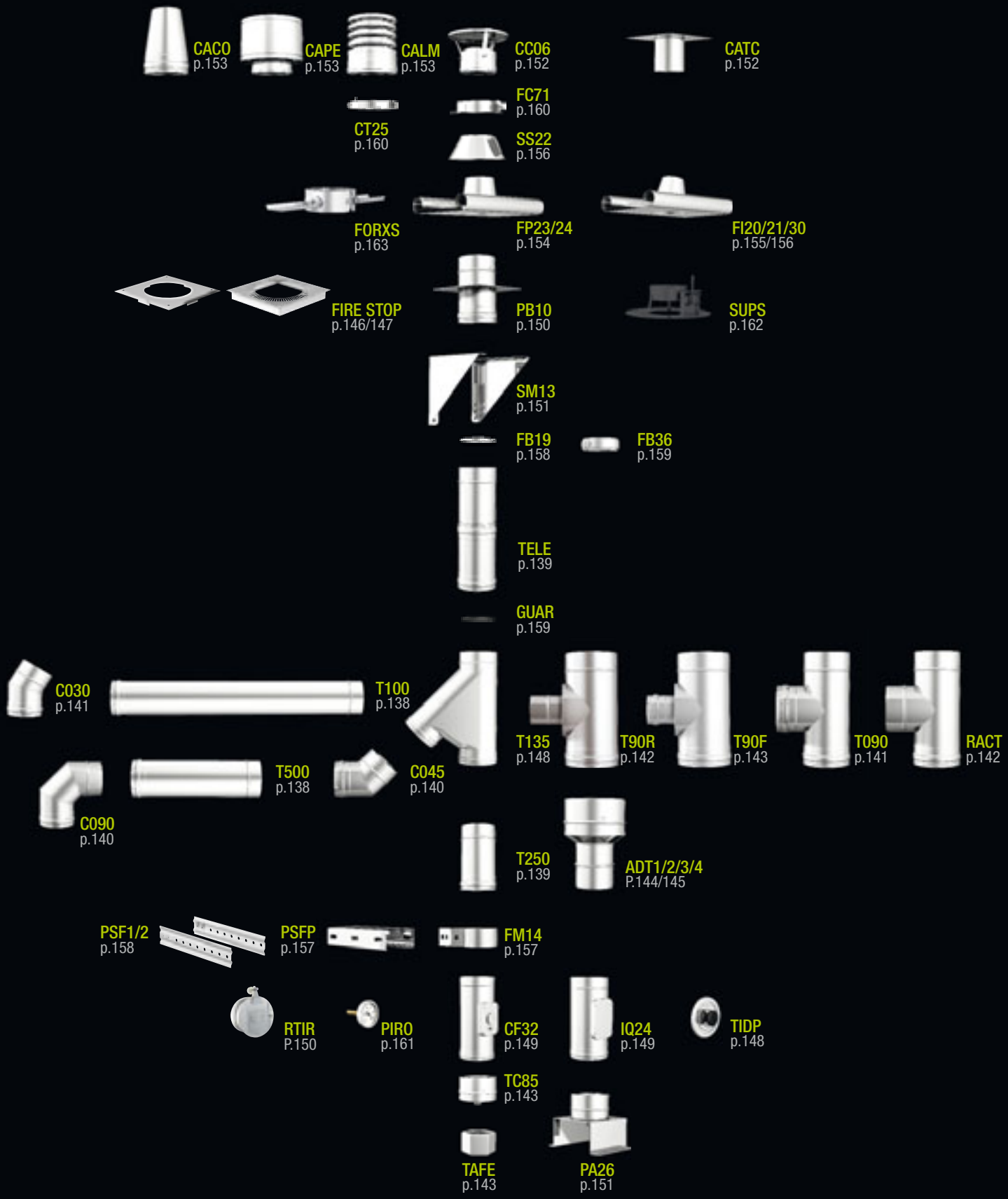

Certificato
EC-CERTIFICATE OF FACTORY PRODUCTION CONTROL
CERTIFICATO CE DEL CONTROLLO DEL PROCESSO DI FABBRICA
AoC-level 2+
APROS S.r.l.
0063

*Schéma de montage* *Assembling scheme* Schema di montaggio

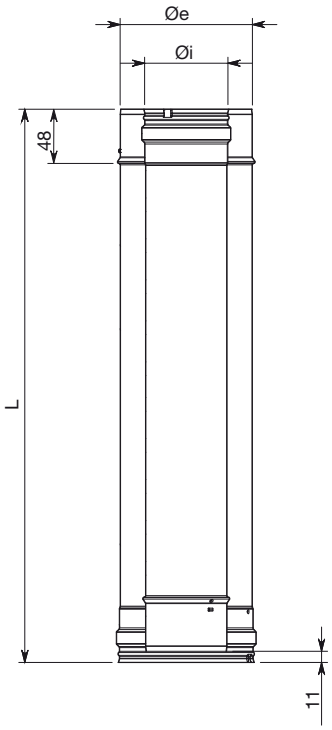


## T100

# Elemento lineare T100

*Linear element T100*

*Elément droit T100*



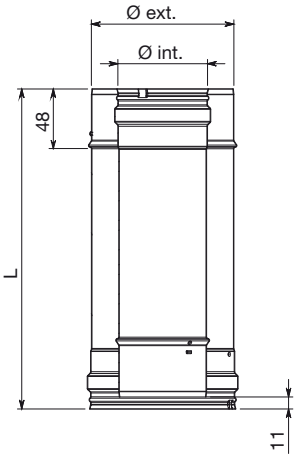

| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| K080T100 | 82,73 | 80 | 130 | 995 | 1 |
| K100T100 | 92,68 | 100 | 150 | 995 | 1 |
| K130T100 | 103,76 | 130 | 180 | 995 | 1 |
| K150T100 | 113,57 | 150 | 200 | 995 | 1 |
| K180T100 | 131,55 | 180 | 230 | 995 | 1 |
| K200T100 | 143,24 | 200 | 250 | 995 | 1 |
| K250T100 | 168,91 | 250 | 300 | 995 | 1 |
| K300T100 | 190,42 | 300 | 350 | 995 | 1 |
| K350T100 | 211,02 | 350 | 400 | 995 | 1 |

## T500

# Elemento lineare T500

*Linear element T500*

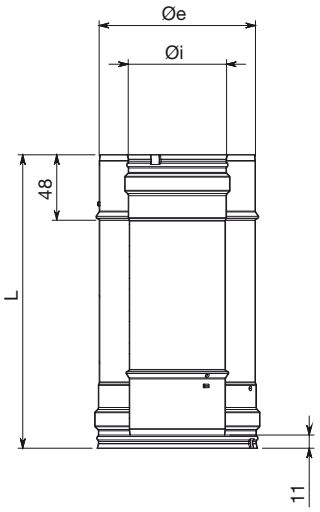
*Elément droit T500*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| K080T500 | 61,19 | 80 | 130 | 495 | 1 |
| K100T500 | 65,55 | 100 | 150 | 495 | 1 |
| K130T500 | 74,36 | 130 | 180 | 495 | 1 |
| K150T500 | 79,27 | 150 | 200 | 495 | 1 |
| K180T500 | 91,84 | 180 | 230 | 495 | 1 |
| K200T500 | 100,08 | 200 | 250 | 495 | 1 |
| K250T500 | 118,78 | 250 | 300 | 495 | 1 |
| K300T500 | 147,15 | 300 | 350 | 495 | 1 |
| K350T500 | 184,22 | 350 | 400 | 495 | 1 |

## T250

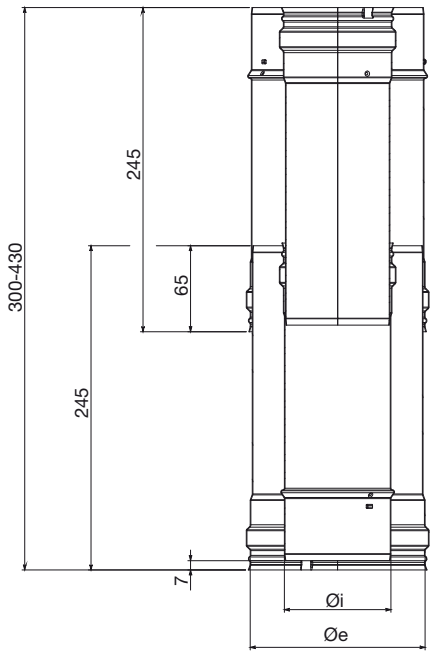
### Elemento lineare T250
*Linear element T250*
*Elément droit T250*




| codice *code code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| K080T250 | 48,60 | 80 | 130 | 245 | 1 |
| K100T250 | 51,32 | 100 | 150 | 245 | 1 |
| K130T250 | 56,81 | 130 | 180 | 245 | 1 |
| K150T250 | 59,83 | 150 | 200 | 245 | 1 |
| K180T250 | 67,73 | 180 | 230 | 245 | 1 |
| K200T250 | 77,96 | 200 | 250 | 245 | 1 |
| K250T250 | 83,27 | 250 | 300 | 245 | 1 |
| K300T250 | 103,39 | 300 | 350 | 245 | 1 |
| K350T250 | 142,89 | 350 | 400 | 245 | 1 |

## TELE

### Elemento telescopico
*Telescopic element*
*Elément télescopique*



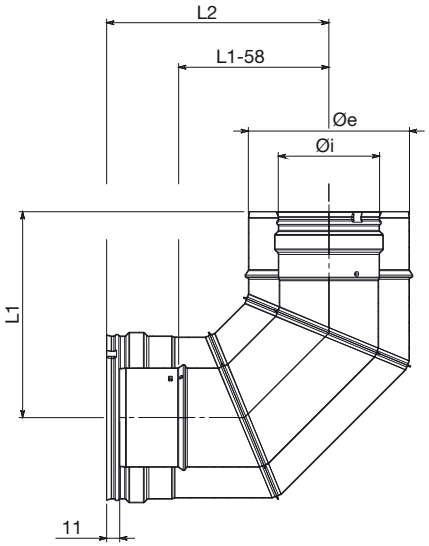

| codice *code code* | € | Øi | Øe | |
|---|---|---|---|---|
| K080TELE | 105,74 | 80 | 130 | 1 |
| K100TELE | 114,70 | 100 | 150 | 1 |
| K130TELE | 130,78 | 130 | 180 | 1 |
| K150TELE | 140,90 | 150 | 200 | 1 |
| K180TELE | 164,35 | 180 | 230 | 1 |
| K200TELE | 186,42 | 200 | 250 | 1 |
| K250TELE | 205,01 | 250 | 300 | 1 |
| K300TELE | 243,47 | 300 | 350 | 1 |
| K350TELE | 304,88 | 350 | 400 | 1 |

## C090

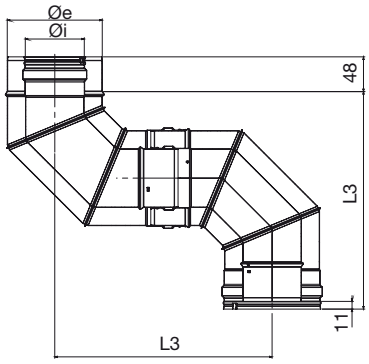
# Curva a 90°

*Bend 90°*

*Coude 90°*




| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| K080C090 | 97,78 | 80 | 130 | 166 | 180 | 299 | 1 |
| K100C090 | 106,01 | 100 | 150 | 176 | 190 | 318 | 1 |
| K130C090 | 131,20 | 130 | 180 | 193 | 205 | 351 | 1 |
| K150C090 | 141,81 | 150 | 200 | 201 | 215 | 369 | 1 |
| K180C090 | 160,02 | 180 | 230 | 216 | 230 | 399 | 1 |
| K200C090 | 163,70 | 200 | 250 | 226 | 240 | 419 | 1 |
| K250C090 | 197,98 | 250 | 300 | 251 | 265 | 469 | 1 |
| K300C090 | 219,77 | 300 | 350 | 276 | 290 | 519 | 1 |
| K350C090 | 302,09 | 350 | 400 | 301 | 315 | 569 | 1 |

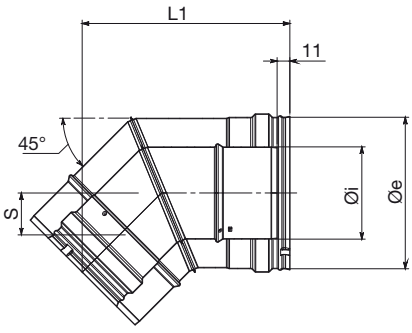


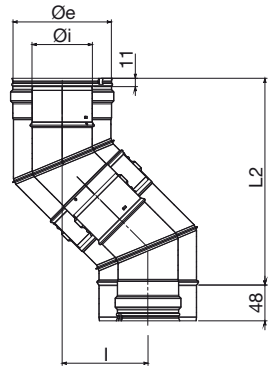

## C045

# Curva a 45°

*Bend 45°*

*Coude 45°*



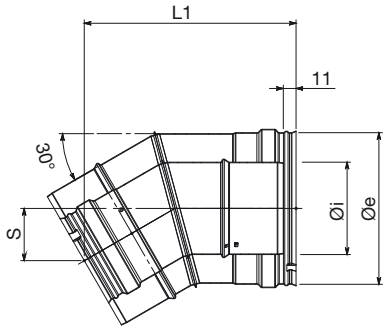

| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| K080C045 | 62,56 | 80 | 130 | 181 | 266 | 32 | 123 | 1 |
| K100C045 | 66,91 | 100 | 150 | 187 | 280 | 35 | 130 | 1 |
| K130C045 | 76,17 | 130 | 180 | 201 | 307 | 40 | 141 | 1 |
| K150C045 | 83,37 | 150 | 200 | 206 | 317 | 42 | 145 | 1 |
| K180C045 | 97,07 | 180 | 230 | 216 | 338 | 47 | 154 | 1 |
| K200C045 | 109,49 | 200 | 250 | 226 | 351 | 49 | 159 | 1 |
| K250C045 | 133,35 | 250 | 300 | 241 | 380 | 57 | 165 | 1 |
| K300C045 | 168,83 | 300 | 350 | 259 | 417 | 64 | 180 | 1 |
| K350C045 | 200,82 | 350 | 400 | 276 | 451 | 72 | 194 | 1 |

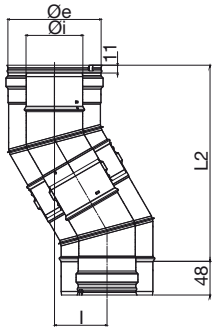
## C030

# Curva a 30°

*Bend 30°*

*Coude 30°*




| codice *code code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| K080C030 | 62,56 | 80 | 130 | 185 | 277 | 50 | 74 | 1 |
| K100C030 | 66,91 | 100 | 150 | 190 | 287 | 55 | 76 | 1 |
| K130C030 | 78,56 | 130 | 180 | 195 | 301 | 55 | 80 | 1 |
| K150C030 | 83,37 | 150 | 200 | 200 | 312 | 60 | 83 | 1 |
| K180C030 | 97,07 | 180 | 230 | 208 | 326 | 60 | 87 | 1 |
| K200C030 | 109,49 | 200 | 250 | 213 | 336 | 65 | 96 | 1 |
| K250C030 | 133,35 | 250 | 300 | 225 | 361 | 65 | 96 | 1 |
| K300C030 | 168,83 | 300 | 350 | 240 | 386 | 70 | 103 | 1 |
| K350C030 | 200,82 | 350 | 400 | 250 | 412 | 70 | 110 | 1 |

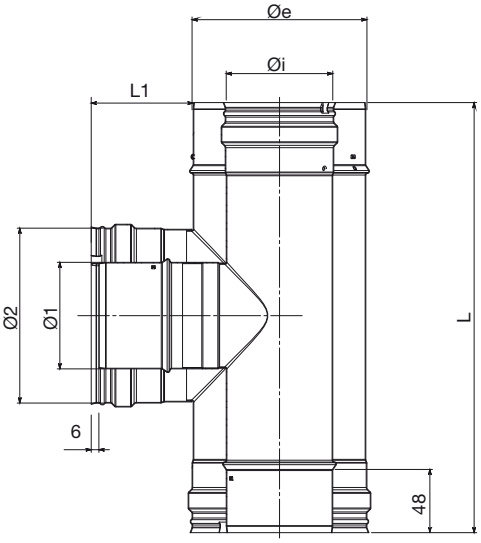
**N.B.** Saldature a rullo solo per la serie C030

## T090

# Raccordo a T 90° (stacco maschio)

*T 90° Pipe fitting (male coupler)*

*Raccord en T 90° (coupleur mâle)*



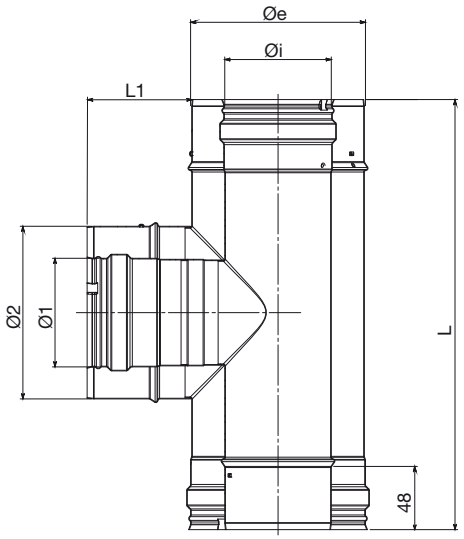

| codice *code code* | € | Øi | Øe | $Ø_1/Ø_2$ | L1 | L | |
|---|---|---|---|---|---|---|---|
| K080T090 | 119,62 | 80 | 130 | 80/130 | 77 | 325 | 1 |
| K100T090 | 128,13 | 100 | 150 | 100/150 | 77 | 325 | 1 |
| K130T090 | 139,21 | 130 | 180 | 130/180 | 77 | 325 | 1 |
| K150T090 | 149,33 | 150 | 200 | 150/200 | 77 | 495 | 1 |
| K180T090 | 165,93 | 180 | 230 | 180/230 | 77 | 495 | 1 |
| K200T090 | 172,88 | 200 | 250 | 200/250 | 77 | 495 | 1 |
| K250T090 | 222,90 | 250 | 300 | 250/300 | 77 | 495 | 1 |
| K300T090 | 296,75 | 300 | 350 | 300/350 | 77 | 495 | 1 |
| K350T090 | 442,32 | 350 | 400 | 350/400 | 77 | 545 | 1 |

## RACT

## Raccordo a T 90° F/F (stacco femmina)

*T 90°Pipe fitting F/F (female coupler)*

*Raccord en T 90° F/F (coupleur femelle)*



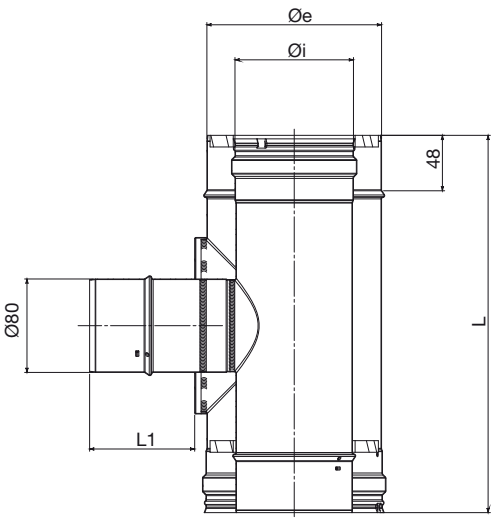

| codice<br>*code*<br>*code* | € | Øi | Øe | Ø1/Ø2 | L1 | L | |
|---|---|---|---|---|---|---|---|
| K080RACT | 119,62 | 80 | 130 | 80/130 | 80 | 325 | 1 |
| K100RACT | 128,13 | 100 | 150 | 100/150 | 80 | 325 | 1 |
| K130RACT | 139,21 | 130 | 180 | 130/180 | 80 | 325 | 1 |
| K150RACT | 149,33 | 150 | 200 | 150/200 | 80 | 495 | 1 |
| K180RACT | 165,93 | 180 | 230 | 180/230 | 80 | 495 | 1 |
| K200RACT | 172,88 | 200 | 250 | 200/250 | 80 | 495 | 1 |
| K250RACT | 222,90 | 250 | 300 | 250/300 | 80 | 495 | 1 |
| K300RACT | 296,75 | 300 | 350 | 300/350 | 80 | 495 | 1 |
| K350RACT | 442,32 | 350 | 400 | 350/400 | 80 | 545 | 1 |

## T90R

## Raccordo a T 90° ridotto Ø 80 (stacco maschio)

*T 90° Reduced pipe fitting Ø 80 (male coupler)*

*Raccord réduit en T 90° Ø 80 (coupleur mâle)*



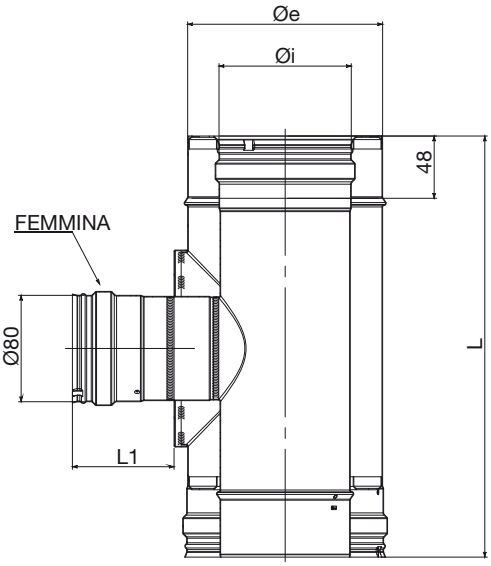

| codice<br>*code*<br>*code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| K100T90R | 101,94 | 100 | 150 | 325 | 91 | 1 |
| K130T90R | 119,00 | 130 | 180 | 325 | 91 | 1 |
| K150T90R | 124,69 | 150 | 200 | 495 | 91 | 1 |
| K180T90R | 144,16 | 180 | 230 | 495 | 91 | 1 |
| K200T90R | 167,49 | 200 | 250 | 495 | 91 | 1 |
| K250T90R | 197,44 | 250 | 300 | 495 | 91 | 1 |
| K300T90R | 267,43 | 300 | 350 | 495 | 91 | 1 |
| K350T90R | 294,00 | 350 | 400 | 545 | 91 | 1 |

## T90F

### Raccordo a T 90° ridotto Ø 80 (stacco femmina)

*T 90° Reduced pipe fitting Ø 80 (female coupler)*

*Raccord réduit en T 90° Ø 80 (coupleur femelle)*



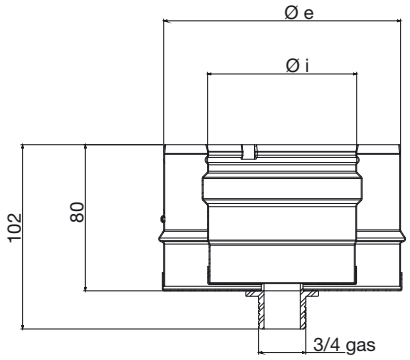

| codice *code code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| K100T90F | 101,94 | 100 | 150 | 325 | 91 | 1 |
| K130T90F | 119,00 | 130 | 180 | 325 | 91 | 1 |
| K150T90F | 124,69 | 150 | 200 | 495 | 91 | 1 |
| K180T90F | 144,16 | 180 | 230 | 495 | 91 | 1 |
| K200T90F | 167,49 | 200 | 250 | 495 | 91 | 1 |
| K250T90F | 197,44 | 250 | 300 | 495 | 91 | 1 |
| K300T90F | 267,43 | 300 | 350 | 495 | 91 | 1 |
| K350T90F | 294,00 | 350 | 400 | 545 | 91 | 1 |

## TC85

### Tappo raccogli condensa

*Collecting condensate plug*

*Bouchon de récupére condensation*



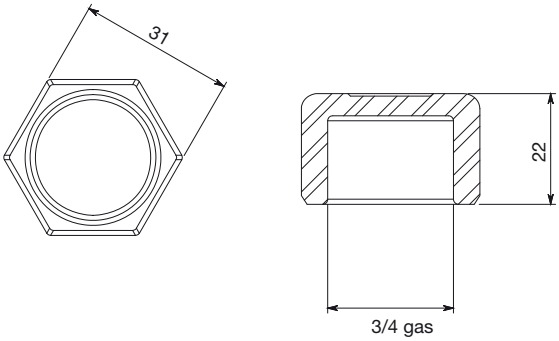

| codice *code code* | € | Øi | Øe | |
|---|---|---|---|---|
| K080TC85 | 52,40 | 80 | 130 | 1 |
| K100TC85 | 56,48 | 100 | 150 | 1 |
| K130TC85 | 60,13 | 130 | 180 | 1 |
| K150TC85 | 61,48 | 150 | 200 | 1 |
| K180TC85 | 63,48 | 180 | 230 | 1 |
| K200TC85 | 64,75 | 200 | 250 | 1 |
| K250TC85 | 71,56 | 250 | 300 | 1 |
| K300TC85 | 76,97 | 300 | 350 | 1 |
| K350TC85 | 89,59 | 350 | 400 | 1 |

## TAFE

### Tappo femmina AISI 316 3/4 gas

*Female plug AISI 316 3/4 gas*

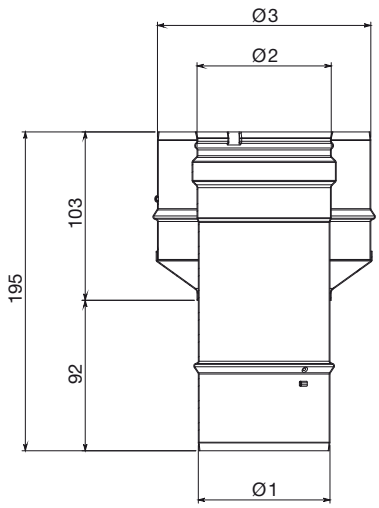
*Bouchon femelle AISI 316 3/4 gas*




| codice *code code* | € | |
|---|---|---|
| IUNVTAFE | 5,78 | 1 |

## ADT1

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

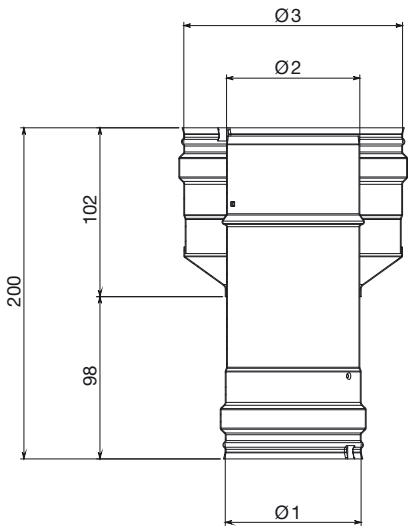



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| K080ADT1 | 41,06 | 80 M | 80F | 130M | 1 |
| K100ADT1 | 45,36 | 100M | 100F | 150M | 1 |
| K130ADT1 | 47,94 | 130M | 130F | 180M | 1 |
| K150ADT1 | 54,18 | 150M | 150F | 200M | 1 |
| K180ADT1 | 61,64 | 180M | 180F | 230M | 1 |
| K200ADT1 | 70,88 | 200M | 200F | 250M | 1 |
| K250ADT1 | 89,88 | 250M | 250F | 300M | 1 |
| K300ADT1 | 110,46 | 300M | 300F | 350M | 1 |
| K350ADT1 | 117,71 | 350M | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT2

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

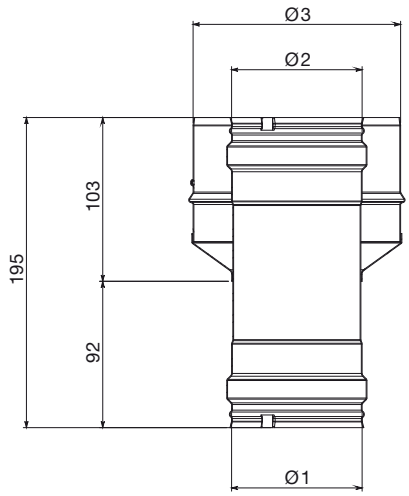



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| K080ADT2 | 41,06 | 80F | 80M | 130F | 1 |
| K100ADT2 | 45,36 | 100F | 100M | 150F | 1 |
| K130ADT2 | 47,94 | 130F | 130M | 180F | 1 |
| K150ADT2 | 54,18 | 150F | 150M | 200F | 1 |
| K180ADT2 | 61,64 | 180F | 180M | 230F | 1 |
| K200ADT2 | 70,88 | 200F | 200M | 250F | 1 |
| K250ADT2 | 89,88 | 250F | 250M | 300F | 1 |
| K300ADT2 | 110,46 | 300F | 300M | 350F | 1 |
| K350ADT2 | 117,71 | 350F | 350M | 400F | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT3

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

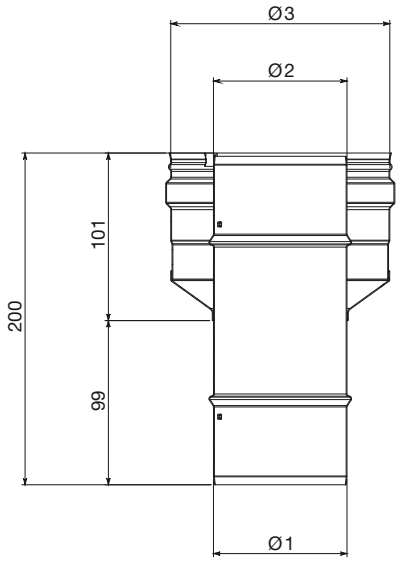



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| K080ADT3 | 41,06 | 80F | 80F | 130M | 1 |
| K100ADT3 | 45,36 | 100F | 100F | 150M | 1 |
| K130ADT3 | 47,94 | 130F | 130F | 180M | 1 |
| K150ADT3 | 54,18 | 150F | 150F | 200M | 1 |
| K180ADT3 | 61,64 | 180F | 180F | 230M | 1 |
| K200ADT3 | 70,88 | 200F | 200F | 250M | 1 |
| K250ADT3 | 89,88 | 250F | 250F | 300M | 1 |
| K300ADT3 | 110,46 | 300F | 300F | 350M | 1 |
| K350ADT3 | 117,71 | 350F | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT4

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*




| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| K080ADT4 | 41,06 | 80M | 80M | 130F | 1 |
| K100ADT4 | 45,36 | 100M | 100M | 150F | 1 |
| K130ADT4 | 47,94 | 130M | 130M | 180F | 1 |
| K150ADT4 | 54,18 | 150M | 150M | 200F | 1 |
| K180ADT4 | 61,64 | 180M | 180M | 230F | 1 |
| K200ADT4 | 70,88 | 200M | 200M | 250F | 1 |
| K250ADT4 | 89,88 | 250M | 250M | 300F | 1 |
| K300ADT4 | 110,46 | 300M | 300M | 350F | 1 |
| K350ADT4 | 117,71 | 350M | 350M | 400F | 1 |

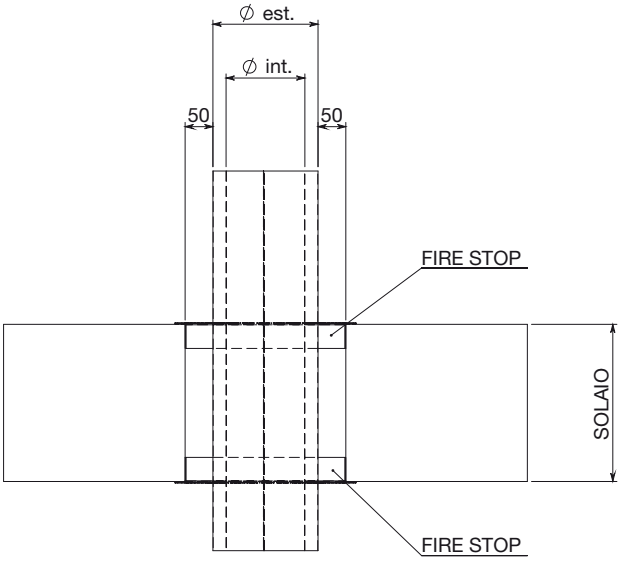
**M - maschio** *male mâle*
**F - femmina** *female femelle*

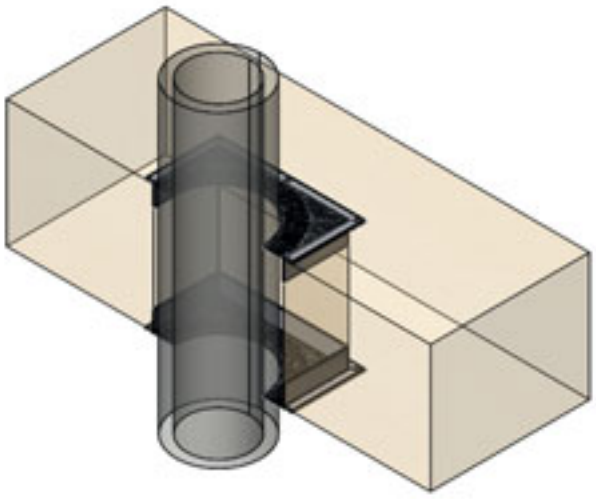
# FIRE STOP

**Il Fire stop è un sistema composto da due solide piastre costruite in acciaio zincato , che sono posizionate nella parte superiore e inferiore dei solai. Secondo le regolamentazioni britanniche in materia di edilizia, quando una canna fumaria passa attraverso un piano o un soffitto, l'installazione deve essere completata da un Fire stop realizzato in materiale non combustibile. Le piastre possono essere ventilate, o meglio provviste di fessure e fori per il passaggio dell'aria (utilizzo per interni e vicinanza a materiali sensibili al calore), e non ventilate (totalmente chiuse, per chiudere camini in refrattario). L'installazione del Fire stop ha lo scopo di prevenire contatti di calore diretti, mantenendo concentrica la canna fumaria rispetto al cavedio. Il prodotto è stato sottoposto ai test termici di temperatura e ai test di resistenza al fuoco, secondo la normativa europea BS EN 1856 -1:2009 & BS 476: PART 20:1987 , e ha conseguito la seguente designazione tecnica: T450 N1 D V2 L50050 G(50)**

*The **Fire Stop** is a system composed of two solid plates made of galvanized steel, which are located in the upper and lower floors. According to British regulations on construction, when a chimney passes through a floor or ceiling, the installation must be completed by a Fire Stop made of non-combustible material. The plates can be ventilated, or better provided with slots and holes for the passage of air (for internal use and proximity to heat sensitive materials), and non-ventilated (fully closed, to close refractory chimneys). The installation of Fire Stop is designed to prevent direct contact heat, maintaining the flue chimney concentric in the seat of the flue pipes . The product was subjected to thermal testing temperature and fire resistance tests, according to European Standard BS EN 1856 – 1:2009 & BS 476: PART 20:1987, and holds the following technical designation: T450 N1 D V2 L50050 G (50)*

*La **Plaque d'écart au feux** est un système composé par deux plaques solides en acier galvanisé, qui sont situées dans les étages supérieurs et inférieurs. Selon la réglementation européenne sur la construction, où une cheminée traverse un plancher ou un plafond, l'installation doit être complétée par la Plaque d'écart au feux faite d'un matériau incombustible. Les plaques peuvent être ventilés, ou mieux pourvues de fentes et de trous pour le passage de l'air (à usage interne et en proximité de matériaux thermosensibles), et non ventilés (totalement fermées, pour fermer les cheminées réfractaires). L'installation des Plaques d'écart au feux est conçue pour empêcher les contacts directs à la chaleur, en maintenant concentrique le conduit de fumée par rapport à la zone du passage de la cheminée. Le produit a été soumis aux essais thermiques de température et aux tests de résistance au feu, selon la norme européenne BS EN 1856 -1:2009 & BS 476: PART 20:1987, et détient la désignation technique suivante: T450 N1 D V2 L50050 G (50)*



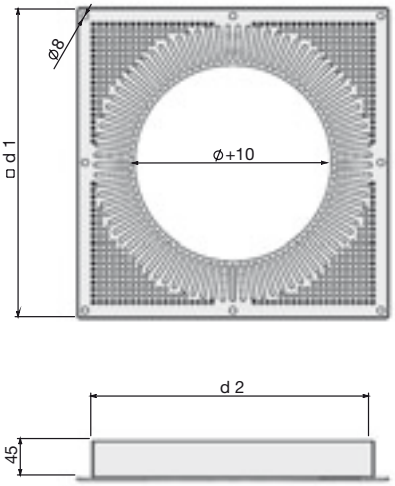



## FST1

# Fire stop areato

*Ventilated fire stop*

*Plaque d'écart au feux ventilée*



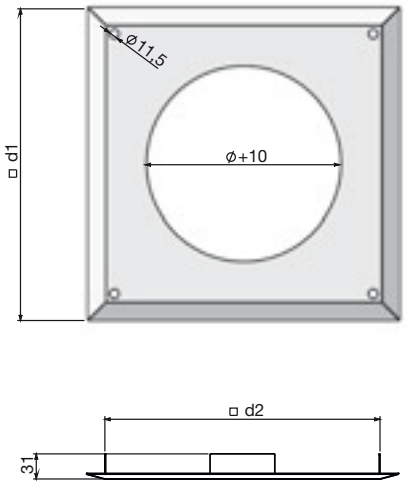

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| Z180FST1 | 38,45 | 180 | 327 | 289 | 2 |
| Z200FST1 | 40,75 | 200 | 347 | 309 | 2 |
| Z230FST1 | 43,60 | 230 | 377 | 399 | 2 |
| Z250FST1 | 50,00 | 250 | 397 | 359 | 2 |

## FST2

# Fire stop non areato

*Non-ventilated fire stop*

*Plaque d'écart au feux non ventilée*



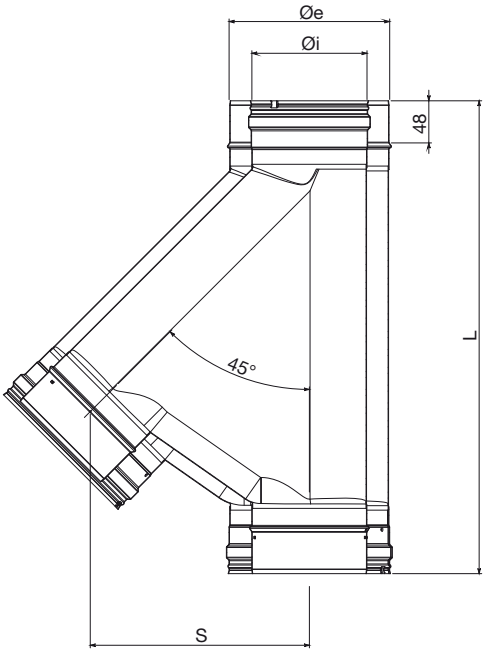

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| Z180FST2 | 38,45 | 180 | 333 | 290 | 2 |
| Z200FST2 | 40,75 | 200 | 352 | 309 | 2 |
| Z230FST2 | 43,60 | 230 | 385 | 340 | 2 |
| Z250FST2 | 50,00 | 250 | 405 | 360 | 2 |

## T135

# Raccordo a T135°

*T 135° Pipe Fitting*

*Raccord en T 135°*



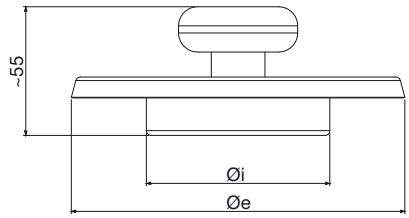

| codice<br>*code*<br>*code* | € | Øi | Øe | S | L | |
|---|---|---|---|---|---|---|
| K080T135 | 227,28 | 80 | 130 | 230 | 470 | 1 |
| K100T135 | 248,31 | 100 | 150 | 250 | 505 | 1 |
| K130T135 | 283,96 | 130 | 180 | 270 | 545 | 1 |
| K150T135 | 309,73 | 150 | 200 | 290 | 575 | 1 |
| K180T135 | 356,44 | 180 | 230 | 315 | 610 | 1 |
| K200T135 | 381,53 | 200 | 250 | 330 | 640 | 1 |
| K250T135 | 487,85 | 250 | 300 | 370 | 710 | 1 |
| K300T135 | 639,64 | 300 | 350 | 420 | 785 | 1 |
| K350T135 | 776,16 | 350 | 400 | 500 | 930 | 1 |

## TIDP

# Tappo per ispezione

*Plug for inspection*

*Trappe d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| I080TIDP | 17,64 | 80 | 130 | 1 |
| I100TIDP | 19,45 | 100 | 150 | 1 |
| I130TIDP | 23,36 | 130 | 180 | 1 |
| I150TIDP | 25,92 | 150 | 200 | 1 |
| I180TIDP | 33,69 | 180 | 230 | 1 |
| I200TIDP | 36,88 | 200 | 250 | 1 |
| I250TIDP | 58,80 | 250 | 300 | 1 |

Da applicare su T090 e RACT

*To apply on T090 and RACT*

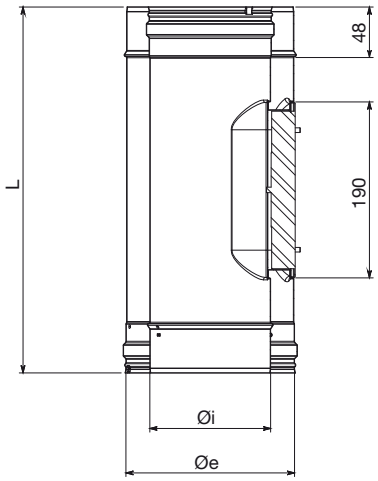
*Appliquer à T090 et RACT*

## IQ24

# Modulo raccolta incombusti

*Unburnt materials collecting box*

*Module de recueil des suies*



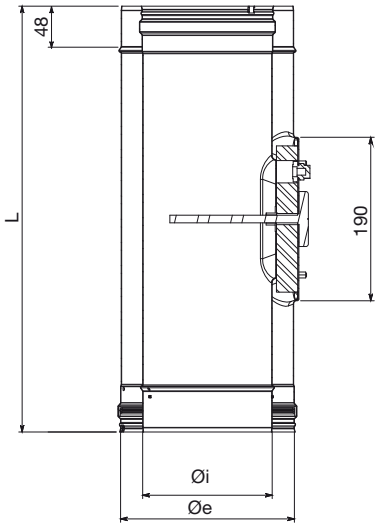

| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| K130IQ24 | 202,98 | 130 | 180 | 395 | 1 |
| K150IQ24 | 214,31 | 150 | 200 | 395 | 1 |
| K180IQ24 | 234,97 | 180 | 230 | 495 | 1 |
| K200IQ24 | 242,88 | 200 | 250 | 495 | 1 |
| K250IQ24 | 272,68 | 250 | 300 | 495 | 1 |

## CF32

# Modulo rilevamento fumi ed ispezioni

*Module smoke detection and inspection*

*Module détection de fumée et d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| K130CF32 | 239,03 | 130 | 180 | 395 | 1 |
| K150CF32 | 249,43 | 150 | 200 | 395 | 1 |
| K180CF32 | 268,50 | 180 | 230 | 495 | 1 |
| K200CF32 | 275,78 | 200 | 250 | 495 | 1 |
| K250CF32 | 290,55 | 250 | 300 | 495 | 1 |

## RTIR

## Regolatore di tiraggio automatico
*Automatic air draught regulator*
*Régulateur de tirage automatique*

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I100RTIR | 260,40 | 100 | 1 |
| I130RTIR | 260,40 | 130 | 1 |
| I150RTIR | 173,25 | 150 | 1 |
| I180RTIR | 333,90 | 180 | 1 |

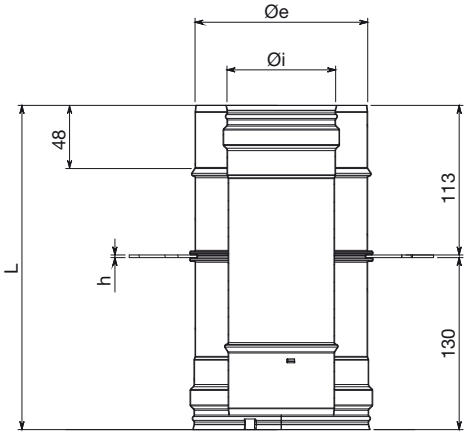
Serve per stabilizzare e regolare il tiraggio della canna fumaria attraverso l'immissione di aria dall'ambiente d'installazione o dall'esterno, conforme d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 ecc. I regolatori di tiraggio sono utilizzabili anche come apertura automatica della ventilazione 3 Pa.

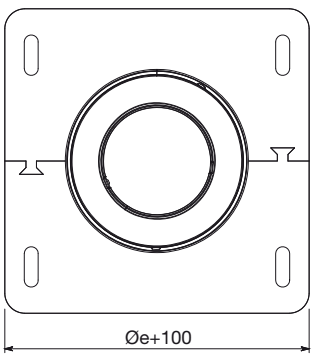
*It is useful to stabilize and adjust the draft of the chimney through the release of air from the installation environment or from outside, in accordance with d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 etc. The draught regulators are also used as automatic opening of ventilation 3 Pa.*

*Il sert à stabiliser et à régler le tirage du conduit de fumée, par l'introduction d'air de l'ambiance d'installation ou de l'externe, en conformité avec le d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 etc. Les régulateurs de tirage sont également utilisés comme ouverture automatique de la ventilation 3 Pa.*

## PB10

## Piastra con elemento dritto
*Plate with straight element*
*Plaque avec élément droit*



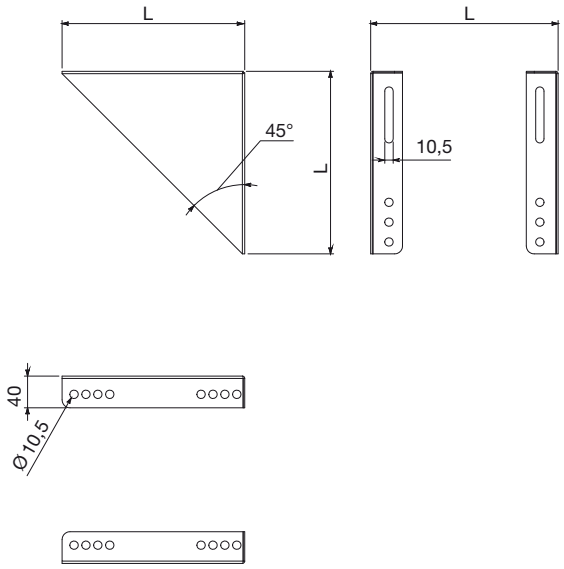

| codice<br>*code*<br>*code* | € | Øi | Øe | L | h | |
|---|---|---|---|---|---|---|
| K080PB10 | 87,15 | 80 | 130 | 245 | 2 | 1 |
| K100PB10 | 94,19 | 100 | 150 | 245 | 2 | 1 |
| K130PB10 | 101,75 | 130 | 180 | 245 | 2 | 1 |
| K150PB10 | 108,01 | 150 | 200 | 245 | 2 | 1 |
| K180PB10 | 113,75 | 180 | 230 | 245 | 2 | 1 |
| K200PB10 | 125,13 | 200 | 250 | 245 | 3 | 1 |
| K250PB10 | 129,43 | 250 | 300 | 245 | 3 | 1 |
| K300PB10 | 143,50 | 300 | 350 | 245 | 3 | 1 |
| K350PB10 | 154,38 | 350 | 400 | 245 | 3 | 1 |

## SM13

# Supporto murale

*Wall support*

*Support mural*



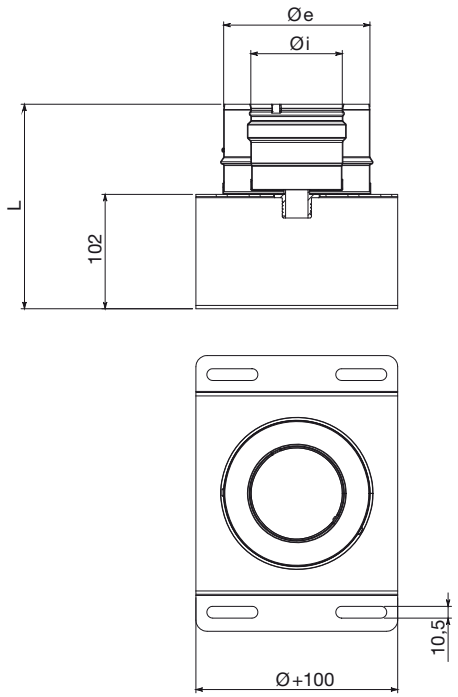

| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| J130SM13 | 33,20 | 130 | 230 | 1 |
| J150SM13 | 40,00 | 150 | 250 | 1 |
| J180SM13 | 44,00 | 180 | 280 | 1 |
| J200SM13 | 50,00 | 200 | 300 | 1 |
| J230SM13 | 58,00 | 230 | 330 | 1 |
| J250SM13 | 64,00 | 250 | 350 | 1 |
| J300SM13 | 68,00 | 300 | 400 | 1 |
| J350SM13 | 90,00 | 350 | 450 | 1 |
| J400SM13 | 105,47 | 400 | 500 | 1 |

## PA26

# Piastra ancoraggio con scarico

*Anchorage plate with draining*

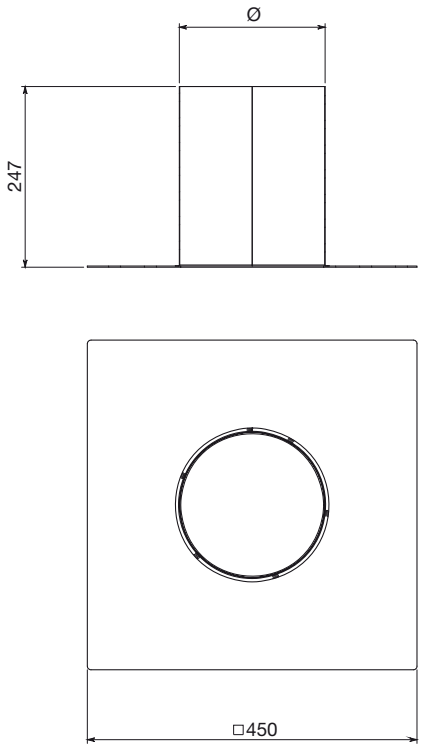
*Plaque d'ancrage avec évacuation*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| K080PA26 | 90,96 | 80 | 130 | 190 | 1 |
| K100PA26 | 102,00 | 100 | 150 | 190 | 1 |
| K130PA26 | 106,72 | 130 | 180 | 190 | 1 |
| K150PA26 | 112,00 | 150 | 200 | 190 | 1 |
| K180PA26 | 118,00 | 180 | 230 | 190 | 1 |
| K200PA26 | 130,00 | 200 | 250 | 190 | 1 |
| K250PA26 | 158,40 | 250 | 300 | 190 | 1 |
| K300PA26 | 192,80 | 300 | 350 | 190 | 1 |
| K350PA26 | 254,60 | 350 | 400 | 190 | 1 |

## CATC

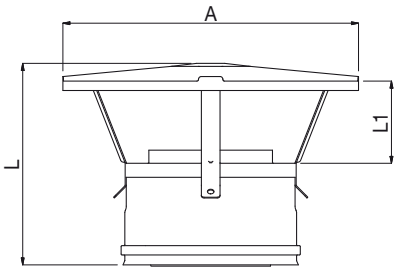
### Piastra telescopica di chiusura
*Closure telescopic plate*
*Plaque telescopique de fermeture*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080CATC | 55,00 | 80 | 1 |
| I100CATC | 56,17 | 100 | 1 |
| I130CATC | 57,95 | 130 | 1 |
| I150CATC | 59,14 | 150 | 1 |
| I180CATC | 60,85 | 180 | 1 |
| I200CATC | 62,04 | 200 | 1 |
| I250CATC | 78,09 | 250 | 1 |

## CC06

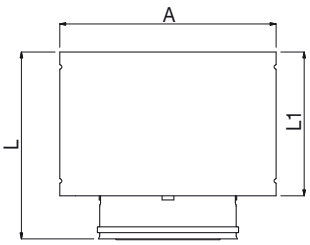
### Terminale cinese
*Rain ending part*
*Terminal chinois*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| K080CC06 | 52,86 | 80/130 | 265 | 195 | 70 | 1 |
| K100CC06 | 58,03 | 100/150 | 265 | 200 | 75 | 1 |
| K130CC06 | 76,16 | 130/180 | 320 | 215 | 90 | 1 |
| K150CC06 | 79,54 | 150/200 | 320 | 225 | 100 | 1 |
| K180CC06 | 103,88 | 180/230 | 400 | 235 | 110 | 1 |
| K200CC06 | 107,89 | 200/250 | 400 | 250 | 125 | 1 |
| K250CC06 | 142,88 | 250/300 | 500 | 275 | 150 | 1 |
| K300CC06 | 175,87 | 300/350 | 600 | 300 | 175 | 1 |

## CAPE

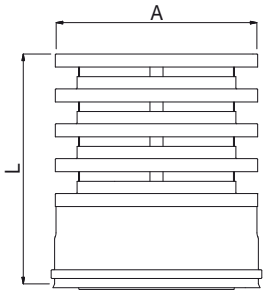
### Terminale antivento
*Windproof ending part*
*Terminal anti-vent*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| K080CAPE | 62,69 | 80/130 | 220 | 240 | 165 | 1 |
| K100CAPE | 73,06 | 100/150 | 260 | 260 | 200 | 1 |
| K130CAPE | 90,34 | 130/180 | 300 | 280 | 200 | 1 |
| K150CAPE | 98,25 | 150/200 | 310 | 320 | 250 | 1 |
| K180CAPE | 123,50 | 180/230 | 370 | 340 | 250 | 1 |
| K200CAPE | 128,02 | 200/250 | 420 | 340 | 250 | 1 |
| K250CAPE | 164,48 | 250/300 | 470 | 400 | 310 | 1 |
| K300CAPE | 192,68 | 300/350 | 530 | 400 | 310 | 1 |
| K350CAPE | 222,60 | 350/400 | 610 | 500 | 415 | 1 |

## CALM

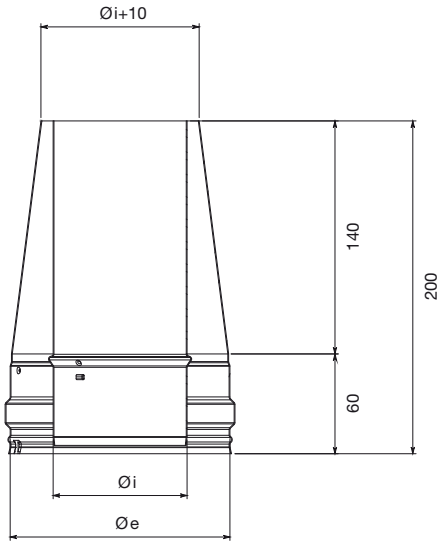
### Terminale lamellare
*Lamellar ending part*
*Terminal lamellaire*




| *code*<br>*code* | € | Ø | A | L | N. Lamelle | |
|---|---|---|---|---|---|---|
| K080CALM | 72,35 | 80/130 | 130 | 180 | 3 | 1 |
| K100CALM | 84,16 | 100/150 | 150 | 215 | 4 | 1 |
| K130CALM | 96,45 | 130/180 | 180 | 220 | 4 | 1 |
| K150CALM | 110,52 | 150/200 | 200 | 230 | 4 | 1 |
| K180CALM | 124,77 | 180/230 | 230 | 270 | 5 | 1 |
| K200CALM | 140,86 | 200/250 | 250 | 270 | 5 | 1 |
| K250CALM | 213,00 | 250/300 | 300 | 310 | 6 | 1 |
| K300CALM | 288,44 | 300/350 | 350 | 350 | 7 | 1 |

## CACO

### Terminale tronco conico
*Conic truncated ending part*
*Chapeau cône tronqué*




| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| K080CACO | 78,75 | 80 | 130 | 1 |
| K100CACO | 85,05 | 100 | 150 | 1 |
| K130CACO | 91,35 | 130 | 180 | 1 |
| K150CACO | 100,80 | 150 | 200 | 1 |
| K180CACO | 110,25 | 180 | 230 | 1 |
| K200CACO | 119,70 | 200 | 250 | 1 |
| K250CACO | 132,30 | 250 | 300 | 1 |
| K300CACO | 141,75 | 300 | 350 | 1 |
| K350CACO | 154,35 | 350 | 400 | 1 |

# FP23/24

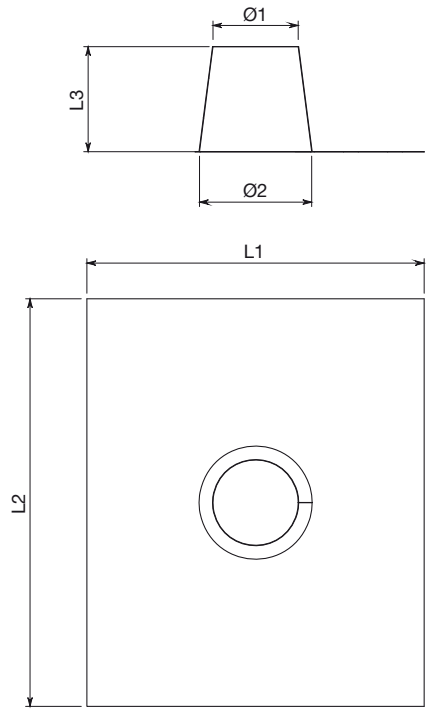
## Faldale per tetti piani in alluminio

*Aluminium flashing for flat roofs*

*Solin en aluminium pour toits plats*

*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| J130FP23 | 49,90 | 130 | 150 | 300 | 450 | 130 | 1 |
| J150FP23 | 53,81 | 150 | 170 | 340 | 550 | 160 | 1 |
| J180FP23 | 71,46 | 180 | 200 | 370 | 650 | 170 | 1 |
| J200FP23 | 76,96 | 200 | 220 | 400 | 650 | 200 | 1 |
| J230FP23 | 88,20 | 230 | 250 | 420 | 650 | 200 | 1 |
| J250FP23 | 94,82 | 250 | 270 | 430 | 650 | 200 | 1 |
| J300FP23 | 97,37 | 300 | 320 | 500 | 750 | 230 | 1 |
| J350FP23 | 100,96 | 350 | 370 | 530 | 750 | 260 | 1 |
| J400FP23 | 165,38 | 400 | 420 | 560 | 800 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| J130FP24 | 149,04 | 130 | 150 | 500 | 700 | 1 |
| J150FP24 | 198,00 | 150 | 170 | 700 | 1000 | 1 |
| J180FP24 | 208,00 | 180 | 200 | 700 | 1000 | 1 |
| J200FP24 | 224,00 | 200 | 220 | 800 | 1000 | 1 |
| J230FP24 | 252,00 | 230 | 250 | 800 | 1000 | 1 |
| J250FP24 | 260,00 | 250 | 270 | 800 | 1000 | 1 |
| J300FP24 | 316,00 | 300 | 320 | 1000 | 1000 | 1 |
| J350FP24 | 372,60 | 350 | 370 | 1000 | 1000 | 1 |

# FI20/21

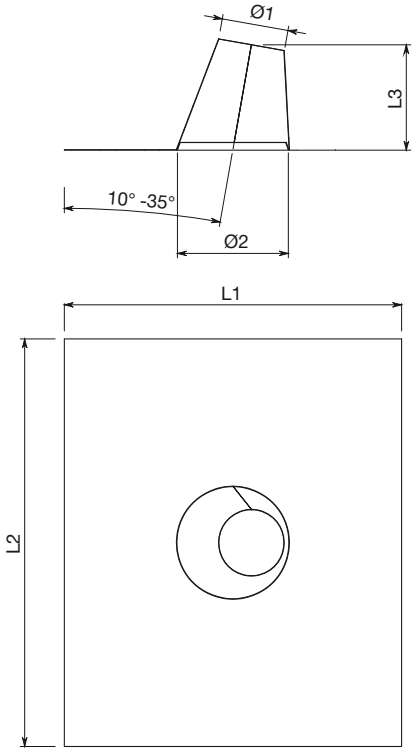
## Faldale per tetti inclinati 10-35° in alluminio

*Aluminium flashing for sloped roofs from 10° to 35°*

*Solin en aluminium pour toits inclinés de 10° à 35°*

*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| J130FI20 | 47,13 | 130 | 150 | 300 | 450 | 150 | 1 |
| J150FI20 | 51,76 | 150 | 170 | 340 | 550 | 160 | 1 |
| J180FI20 | 62,09 | 180 | 200 | 370 | 650 | 170 | 1 |
| J200FI20 | 71,51 | 200 | 220 | 400 | 650 | 200 | 1 |
| J230FI20 | 81,68 | 230 | 250 | 420 | 650 | 200 | 1 |
| J250FI20 | 85,28 | 250 | 270 | 430 | 650 | 200 | 1 |
| J300FI20 | 88,14 | 300 | 320 | 500 | 750 | 230 | 1 |
| J350FI20 | 96,27 | 350 | 370 | 530 | 750 | 260 | 1 |
| J400FI20 | 163,68 | 400 | 420 | 560 | 800 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| J130FI21 | 149,04 | 130 | 150 | 500 | 700 | 1 |
| J150FI21 | 198,00 | 150 | 170 | 700 | 1000 | 1 |
| J180FI21 | 208,00 | 180 | 200 | 700 | 1000 | 1 |
| J200FI21 | 224,00 | 200 | 220 | 800 | 1000 | 1 |
| J230FI21 | 252,00 | 230 | 290 | 800 | 1000 | 1 |
| J250FI21 | 260,00 | 250 | 270 | 800 | 1000 | 1 |
| J300FI21 | 316,00 | 300 | 320 | 1000 | 1000 | 1 |
| J350FI21 | 372,60 | 350 | 370 | 1000 | 1000 | 1 |

## FI30

## Faldale con base in gomma per tetti inclinati da 5° a 32°

*Flashing with rubber base for sloped roofs from 5° to 32°*

*Solin avec base en gomme pour toits inclinés de 5° à 32°*

| codice<br>*code*<br>*code* | € | Ø1 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| J130FI30 | 97,94 | 130 | 560 | 688 | 150 | 1 |
| J150FI30 | 108,44 | 150 | 560 | 715 | 160 | 1 |
| J180FI30 | 140,98 | 180 | 625 | 1006 | 170 | 1 |
| J200FI30 | 144,69 | 200 | 625 | 1006 | 200 | 1 |
| J230FI30 | 167,05 | 230 | 688 | 1006 | 200 | 1 |
| J250FI30 | 174,37 | 250 | 715 | 1006 | 200 | 1 |
| J300FI30 | 181,79 | 300 | 715 | 1006 | 230 | 1 |
| J350FI30 | 196,63 | 350 | 800 | 1006 | 260 | 1 |
| J400FI30 | 211,47 | 400 | 800 | 1006 | 260 | 1 |

Apros è sempre attenta ai nuovi materiali che consentono un'installazione rapida, sicura e duratura nel tempo.
Vi presentiamo il nuovo faldale in gomma extra-flex, con base adesiva, molto malleabile e adattabile ad ogni tipologia di tetto inclinato da 5° a 32°.

*Apros is always attentive to new materials, that allow a quick, safe and lasting installation.*
*We introduce you the new flashing in extra-flex rubber, with adhesive base, which is very malleable and adaptable to any type of sloped roof from 5° to 32°.*

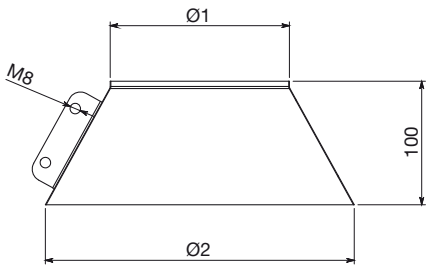
*APROS est toujours attentive aux nouveaux matériaux qui permettent une installation rapide, sûre et durable.*
*Nous présentons le nouveau solin supplémentaires en extra-flex gomme, avec base adhésive, qui est très malléable et adaptable à chaque typologie de toit en pente de 5° à 32°.*

## SS22

## Scossalina

*Collar*

*Collerette de solin*



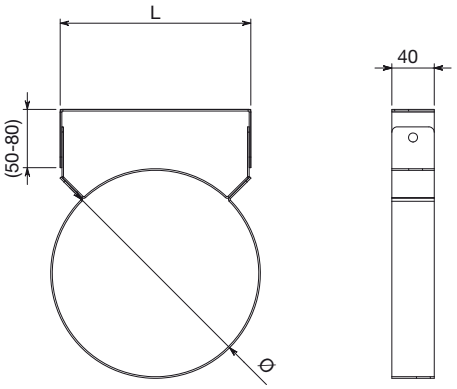

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| J130SS22 | 18,66 | 130 | 230 | 1 |
| J150SS22 | 20,00 | 150 | 250 | 1 |
| J180SS22 | 26,40 | 180 | 280 | 1 |
| J200SS22 | 26,40 | 200 | 300 | 1 |
| J230SS22 | 29,84 | 230 | 330 | 1 |
| J250SS22 | 33,01 | 250 | 350 | 1 |
| J300SS22 | 36,86 | 300 | 400 | 1 |
| J350SS22 | 63,06 | 350 | 450 | 1 |
| J400SS22 | 90,16 | 400 | 600 | 1 |

## FM14

# Fascetta murale

*Wall clamp*

*Collier mural*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| J130FM14 | 17,79 | 130 | 130 | 1 |
| J150FM14 | 18,82 | 150 | 145 | 1 |
| J180FM14 | 23,19 | 180 | 165 | 1 |
| J200FM14 | 24,57 | 200 | 180 | 1 |
| J230FM14 | 27,72 | 230 | 200 | 1 |
| J250FM14 | 28,44 | 250 | 220 | 1 |
| J300FM14 | 34,11 | 300 | 250 | 1 |
| J350FM14 | 39,15 | 350 | 290 | 1 |
| J400FM14 | 45,76 | 400 | 350 | 1 |

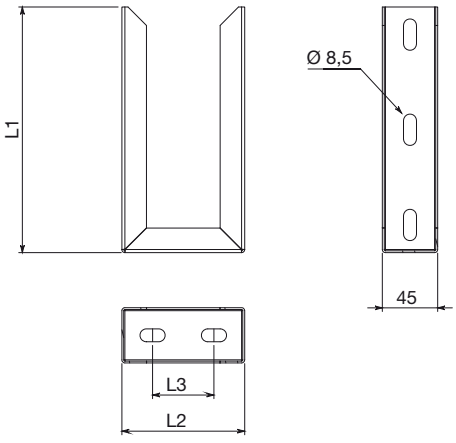
## PSFP

# Prolunga per fissaggio staffa

*Extension mounting bracket*

*Extension du support de montage*

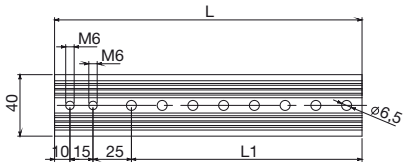
**Fino ad esaurimento - *While stocks last - Jusqu'à épuisement***




| codice<br>*code*<br>*code* | € | Ø | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| J300PSFP | 32,55 | 300 | 200 | 250 | 200 | 1 |
| J350PSFP | 33,60 | 350 | 200 | 290 | 240 | 1 |
| J400PSFP | 36,75 | 400 | 200 | 350 | 280 | 1 |

## PSF1/2

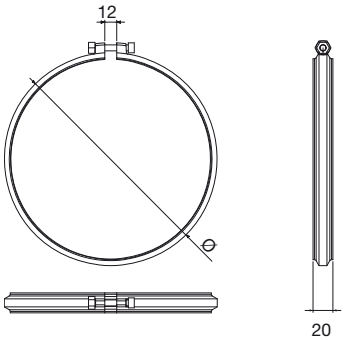
### Prolunga per fissaggio staffa
*Extension mounting bracket*
*Extension du support de montage*




| codice<br>*code*<br>*code* | € | L1 | |
|---|---|---|---|
| JUNVPSF1 | 12,00 | 100 | 1 |
| JUNVPSF2 | 15,00 | 200 | 1 |

## FB19

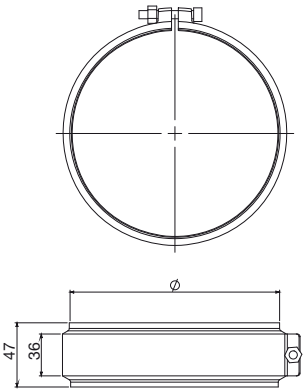
### Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| J130FB19 | 4,12 | 130 | 1 |
| J150FB19 | 4,16 | 150 | 1 |
| J180FB19 | 4,25 | 180 | 1 |
| J200FB19 | 5,46 | 200 | 1 |
| J230FB19 | 5,88 | 230 | 1 |
| J250FB19 | 5,94 | 250 | 1 |
| J300FB19 | 6,41 | 300 | 1 |
| J350FB19 | 8,51 | 350 | 1 |
| J400FB19 | 9,58 | 400 | 1 |

## FB36

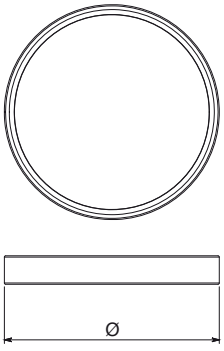
## Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| J130FB36 | 4,90 | 130 | 1 |
| J150FB36 | 5,04 | 150 | 1 |
| J180FB36 | 5,36 | 180 | 1 |
| J200FB36 | 5,51 | 200 | 1 |
| J230FB36 | 5,72 | 230 | 1 |
| J250FB36 | 5,94 | 250 | 1 |
| J300FB36 | 6,54 | 300 | 1 |
| J350FB36 | 7,24 | 350 | 1 |
| J400FB36 | 7,70 | 400 | 1 |

## GUAR

## Guarnizione al silicone nero
*Black silicone gasket*
*Joint au silicone noir*



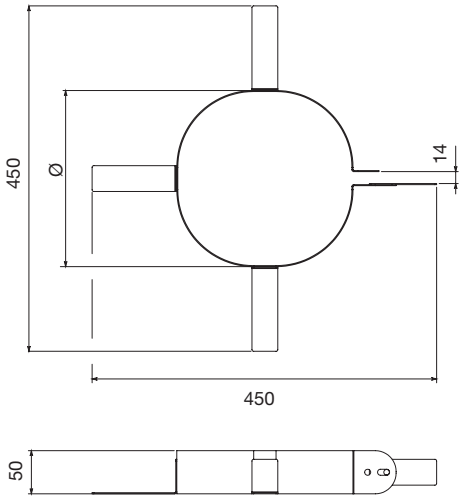

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080GUAR | 0,88 | 80 | 1 |
| I100GUAR | 1,21 | 100 | 1 |
| I130GUAR | 1,81 | 130 | 1 |
| I150GUAR | 2,33 | 150 | 1 |
| I180GUAR | 2,80 | 180 | 1 |
| I200GUAR | 3,57 | 200 | 1 |
| I230GUAR | 5,56 | 230 | 1 |
| I250GUAR | 6,03 | 250 | 1 |
| I300GUAR | 6,57 | 300 | 1 |
| I350GUAR | 7,34 | 350 | 1 |
| I400GUAR | 8,75 | 400 | 1 |

## FC71

# Fascetta Di Centraggio

*Centering clamp*

*Collier de centrage*



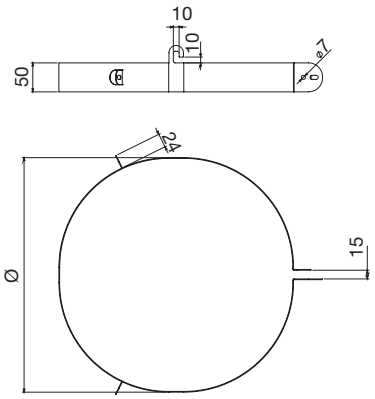

| codice | € | Ø | |
|---|---|---|---|
| J130FC71 | 35,00 | 130 | 1 |
| J150FC71 | 36,20 | 150 | 1 |
| J180FC71 | 37,20 | 180 | 1 |
| J200FC71 | 37,80 | 200 | 1 |
| J230FC71 | 39,20 | 230 | 1 |
| J250FC71 | 39,80 | 250 | 1 |
| J300FC71 | 40,00 | 300 | 1 |
| J350FC71 | 40,60 | 350 | 1 |
| J400FC71 | 45,80 | 400 | 1 |

## CT25

# Fascia cavi tiranti e discesa

*Clamp for tie cables and descent*

*Collier pour hauban et descente*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| J130CT25 | 34,44 | 130 | 1 |
| J150CT25 | 34,44 | 150 | 1 |
| J180CT25 | 40,70 | 180 | 1 |
| J200CT25 | 40,70 | 200 | 1 |
| J230CT25 | 40,70 | 230 | 1 |
| J250CT25 | 40,70 | 250 | 1 |
| J300CT25 | 40,70 | 300 | 1 |
| J350CT25 | 53,36 | 350 | 1 |
| J400CT25 | 69,75 | 400 | 1 |

## PIRO

# Pirometro
*Pyrometer*
*Pyromètre*

| codice<br>*code*<br>*code* | € | |
|---|---|---|
| IUNVPIRO | 13,39 | 1 |

## COPP

# Coppelle
*Thermal insulation*
*Isolation thermique*

Coppelle in lana di roccia
per canne fumarie densità 90Kg/mc

*Rock wool insulation*
*for flue pipe density 90 kg/M³*

*Copeaux de laine de roche*
*pour conduit de fumée densité 90 kg/M³*

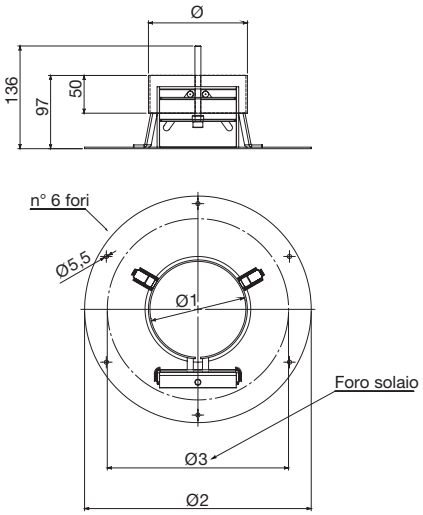
| codice<br>*code*<br>*code* | € | Ø | SP. | H |
|---|---|---|---|---|
| I080COPP | 6,23 | 80 | 25 | 950 |
| I100COPP | 7,41 | 100 | 25 | 950 |
| I120COPP | 8,60 | 120 | 25 | 950 |
| I130COPP | 9,19 | 130 | 25 | 950 |
| I140COPP | 9,77 | 140 | 25 | 950 |
| I150COPP | 10,38 | 150 | 25 | 950 |
| I160COPP | 10,97 | 160 | 25 | 950 |
| I180COPP | 12,15 | 180 | 25 | 950 |
| I200COPP | 13,34 | 200 | 25 | 950 |
| I250COPP | 16,29 | 250 | 25 | 950 |
| I300COPP | 18,53 | 300 | 25 | 950 |
| I350COPP | 22,22 | 350 | 25 | 950 |
| I400COPP | 25,19 | 400 | 25 | 950 |

| codice<br>*code*<br>*code* | € | Ø | SP. | H |
|---|---|---|---|---|
| I080COPA | 10,46 | 80 | 25 | 950 |
| I100COPA | 11,85 | 100 | 25 | 950 |
| I120COPA | 13,23 | 120 | 25 | 950 |
| I130COPA | 13,96 | 130 | 25 | 950 |
| I140COPA | 14,65 | 140 | 25 | 950 |
| I150COPA | 15,35 | 150 | 25 | 950 |
| I180COPA | 17,69 | 180 | 25 | 950 |
| I200COPA | 19,27 | 200 | 25 | 950 |
| I250COPA | 23,30 | 250 | 25 | 950 |
| I300COPA | 27,32 | 300 | 25 | 950 |
| I350COPA | 31,28 | 350 | 25 | 950 |
| I400COPA | 35,34 | 400 | 25 | 950 |

con Alluminio
with Alluminium
avec Alluminium

# SUPS

## Supporto solaio
*Floor support*
*Support au plancher*

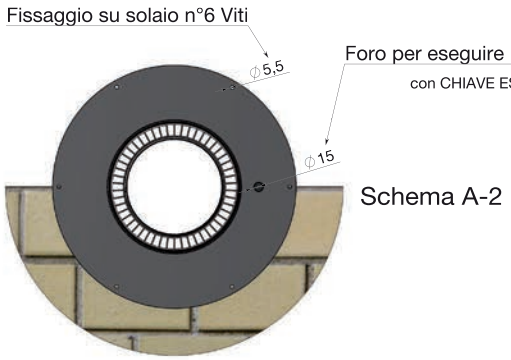



| codice | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| D130SUPS | 110,00 | 130 | 300 | 240 | 1 |
| D150SUPS | 115,00 | 150 | 330 | 260 | 1 |
| D180SUPS | 120,00 | 180 | 360 | 280 | 1 |
| D200SUPS | 125,00 | 200 | 380 | 300 | 1 |
| D230SUPS | 130,00 | 230 | 410 | 330 | 1 |
| D250SUPS | 135,00 | 250 | 430 | 350 | 1 |

**"SUPS"** è un supporto a solaio costruito per l'installazione di canne fumarie. È un sistema solido e veloce che consente di fissare la canna fumaria ad una altezza definita dall'installatore: la fascetta di acciaio consente di sostenere la canna fumaria impedendo che gli elementi si sgancino tra di loro (vedi schema A-1). Per installare "SUPS" è sufficiente eseguire un foro nel solaio, fissarlo con sei semplici viti, ed infine far passare l'elemento lineare, bloccandolo all'altezza utile, mediante una chiave esagonale (vedi schema A-2).

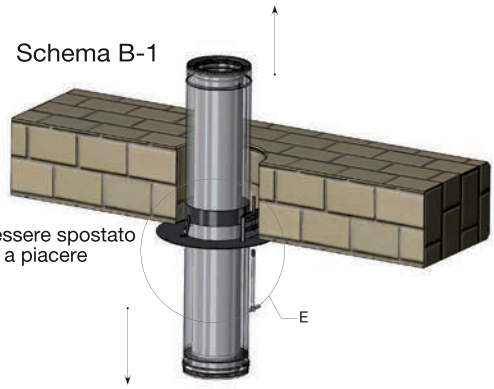
***"SUPS"** is a floor support that is destined for the installation of chimneys.*
*It is a solid and fast system, that allows to fix the chimney to a height defined by the installer: the clamp in steel allows to support the flue chimney, preventing elements to unhook between them (see Scheme A-1).*
*To install "SUPS" simply drill a hole in the floor, fix the element with six simple screws and finally pass the linear element, blocking it at the suitable height by a hexagonal spanner (see scheme A-2).*

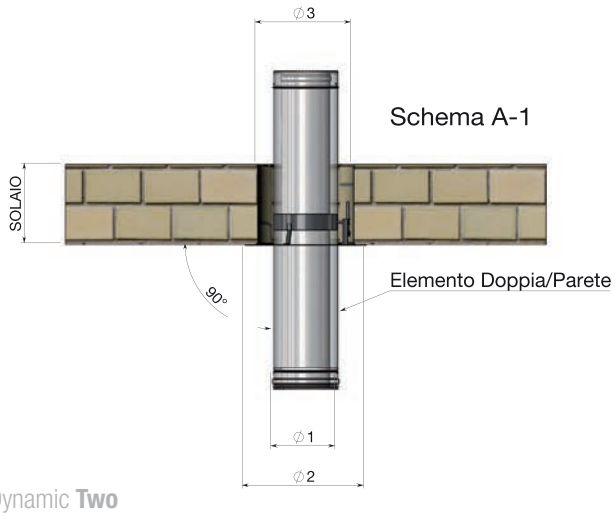
***"SUPS"** est un support au plancher construit pour l'installation des cheminées.*
*Il est un système solide et rapide, qui permet de fixer la cheminée à une hauteur définie par l'installateur: le collier en acier apporte son soutien à la cheminée, en empêchant que les éléments se décrochent entre eux (voir schéma A-1).*
*Pour installer "SUPS" il suffit de percer un trou dans le plancher, le fixer par six vis simples, et puis faire passer l'élément linéaire, en le bloquant à la hauteur convenable, par une clé hexagonale (voir schéma A-2).*




Schema A-2

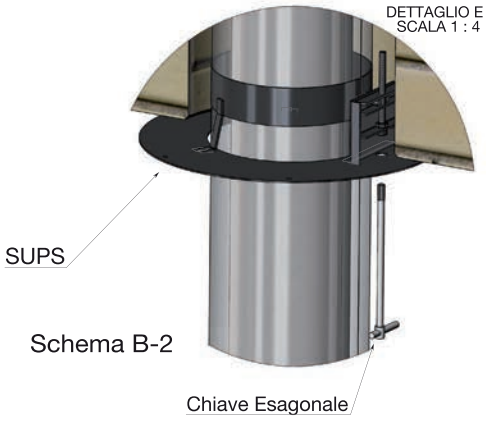
Schema B-1




Schema A-1

Elemento Doppia/Parete




Schema B-2

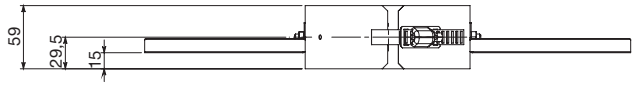
Chiave Esagonale

# FORXS

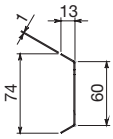
## Fascetta con ali per supporto a tetto

*Roof support with wings*

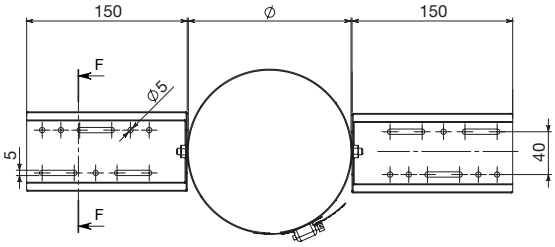
*Support a toit avec ailes*

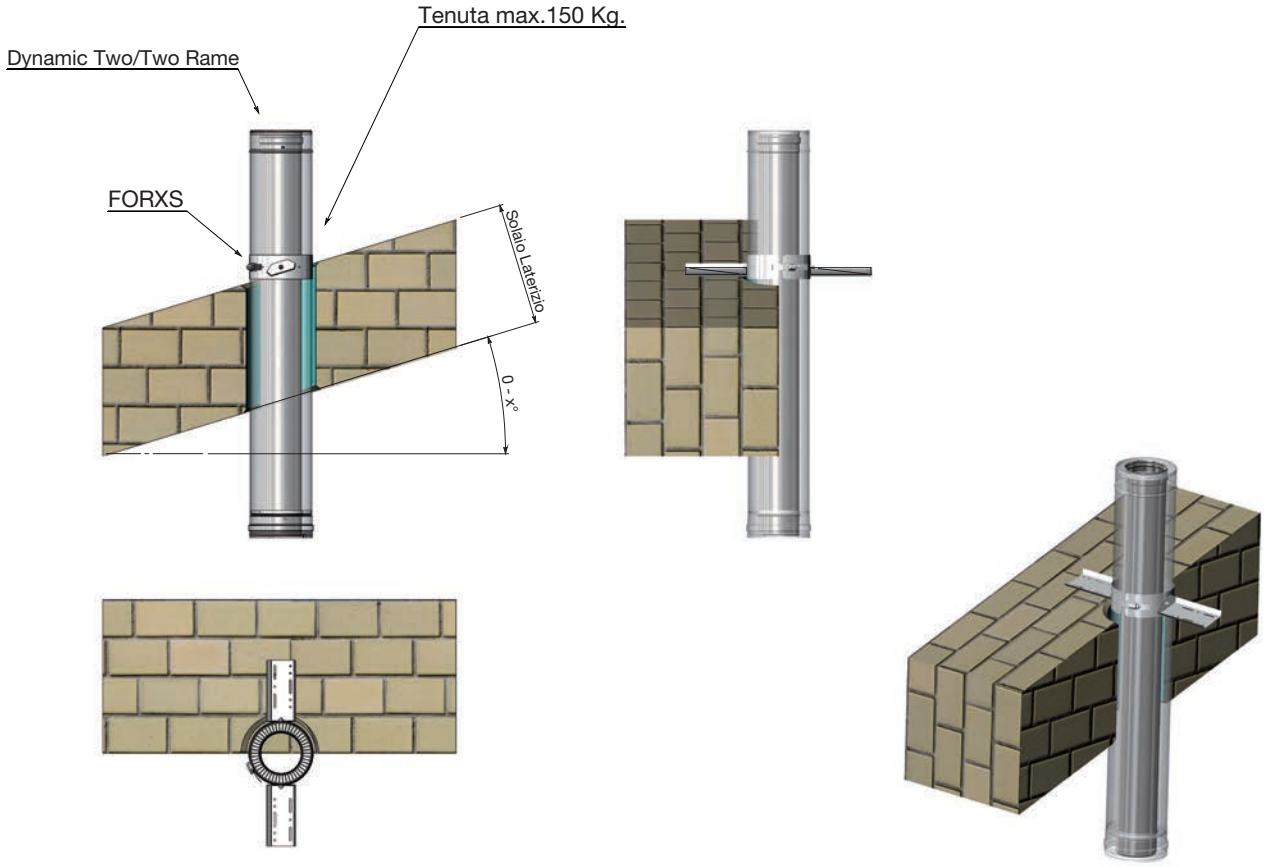



| codice | € | Ø | |
|---|---|---|---|
| J130FORXS | 38,90 | 130 | 1 |
| J150FORXS | 40,50 | 150 | 1 |
| J180FORXS | 41,60 | 180 | 1 |
| J200FORXS | 43,26 | 200 | 1 |
| J230FORXS | 45,49 | 230 | 1 |
| J250FORXS | 46,87 | 250 | 1 |




SEZIONE F-F



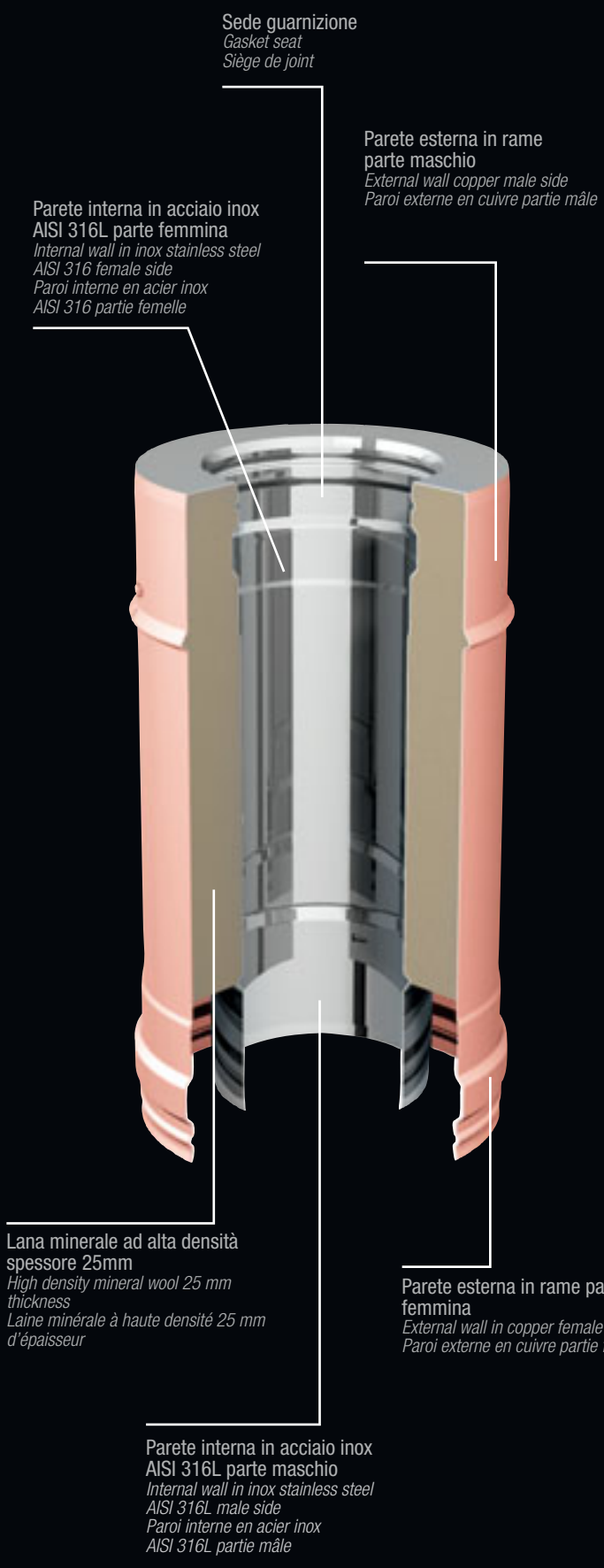
# Materiali innovativi per prestazioni sempre migliori

# Dynamic **Two Rame**

Dynamic **Two Rame**

EN 1856-1: 2009
No. 0063-CPD-52976/4

# Acciaio inox doppia parete AISI 316 L interno e rame esterno


Sede guarnizione
Gasket seat
Siège de joint
Parete esterna in rame parte maschio
External wall copper male side
Paroi externe en cuivre partie mâle
Parete interna in acciaio inox AISI 316L parte femmina
Internal wall in inox stainless steel AISI 316 female side
Paroi interne en acier inox AISI 316 partie femelle
Lana minerale ad alta densità spessore 25mm
High density mineral wool 25 mm thickness
Laine minérale à haute densité 25 mm d'épaisseur
Parete esterna in rame parte femmina
External wall in copper female side
Paroi externe en cuivre partie femelle
Parete interna in acciaio inox AISI 316L parte maschio
Internal wall in inox stainless steel AISI 316L male side
Paroi interne en acier inox AISI 316L partie mâle

**Applicazioni:**
Evacuazione fumi per funzionamento a secco o a umido in pressione P1 (con guarnizione) e N1 (senza guarnizione)
Evacuazione dei prodotti di ventilazione

**Caratteristiche tecniche:**
Parete interna in Acciaio inox AISI 316 L spessore 0,5 mm
Parete esterna in Rame spessore 0,6 mm
Coibentazione con lana di roccia sp. 25 mm. La lana di roccia è insufflata tra le due pareti con un procedimento automatico per garantire sempre una densità media di 180kg/m³.
Alle estremità del tubo vengono posti degli anelli di chiusura
Disponibile nei diametri: 80/130 – 100/150 130/180 150/200 – 180/230 – 200/250 – 250/300 – 300/350 350/400
Saldatura longitudinale al laser
Tutte le curve sono saldate con il nuovo sistema al TIG automatizzato
Imbocco con particolare sistema "click-clack", questo sistema viene applicato dal diam. 80 al diam. 150 compreso
Guarnizione siliconica nera a triplo labbro che assicura una ottima tenuta tra le due giunzioni (su richiesta)

**Accessori:**
Fascetta di bloccaggio consigliata e fornita su richiesta

**Temperatura di esercizio:**
Max 200°: con guarnizione siliconica (pressione P1 – 200 Pa)
Max 600°: senza guarnizione siliconica (pressione N1 – 40 Pa)

**Certificazione:**
CE (EN 1856-1)

**Designazione tecnica:**
T200-P1-W-V2-L50050-O30 sistema areato con elastomero di tenuta
T200-P1-W-V2-L50050-O00 sistema areato con elastomero di tenuta e singola lastra materiale coibentante
T600-N1-D-V2-L50050-O60 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-O50 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-O80 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante, passaggio a tetto
T600-N1-D-V2-L50050-G50 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-G40 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-G150 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante, passaggio a tetto
Certificato No. 0063-CPD-52976/4

# Inox stainless steel double wall internal AISI 316 L and external copper

***Applications:***
*Fumes discharge for dry and wet working conditions under pressure P1 (with gasket) and N1 (without gasket)*
*Discharge of ventilation products*

***Technical features:***
*Internal wall in inox stainless steel AISI 316 L thickness 0,5 mm*
*External wall in copper thickness 0,6 mm*
*Insulation by rock wool thickness 25 mm. The rock wool is insufflated between the two walls through an automatic process to guarantee always a medium density 180kg / m³. Closing rings are placed at the ends of the tube.*
*Available diameters: 80/130 – 100/150 – 130/180 150/200 180/230 – 200/250 – 250/300 – 300/350 350/400*
*Longitudinal welding by laser process*
*All bends are welded with the new system automated TIG*
*Mouth with particular system "click-clack", this system is applied from diam. 80 to diam. 150 included*
*"Triple lip" black silicon gasket which assures a perfect tightness between the two hose couplings (on request)*

***Accessories:***
*Locking clamp, recommended and provided on request*

***Working temperature:***
*Max 200°: with silicon gasket (pressure P1 – 200 Pa)*
*Max 600°: without silicon gasket (pressure N1 – 40 Pa)*

***Certification:***
*CE (EN 1856-1)*

***Technical specifications:***
*T200-P1-W-V2-L50050-O30 aired system with tightness elastomer*
*T200-P1-W-V2-L50050-O00 aired system with tightness elastomer and single layer insulation material*
*T600-N1-D-V2-L50050-O60 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-O50 aired system without tightness elastomer with double layer insulation material*
*T600-N1-D-V2-L50050-O80 aired system without tightness elastomer with double layer insulation material, passage roof*
*T600-N1-D-V2-L50050-G50 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-G40 not aired system without tightness elastomer, with double layer insulation material*
*T600-N1-D-V2-L50050-G150 not aired system without tightness elastomer, with double layer insulation material, passage roof*
*Certificate No. 0063-CPD-52976/4*

# Tuyaux inox double paroi, à l'intérieur AISI 316 L et à l'extérieur cuivre

***Applications:***
*Evacuation des fumées pour fonctionnement à sec ou humide en pression P1 (avec joint) et N1 (sans joint)*
*Evacuation des produits de ventilation*
*Caractéristiques techniques:*
*Paroi interne en acier inox AISI 316 L épaisseur 0,5 mm*
*Paroi externe en cuivre épaisseur 0,6 mm*
*Isolation par laine de roche épaisseur 25 mm. La laine de roche est soufflée entre les deux parois avec un procédé automatique pour garantir toujours la densité moyenne de 180kg / m³.*
*Aux extrémités du tube il y a des anneaux de clôture.*
*Diamètres disponibles: 80/130 – 100/150 – 130/180 150/200 – 180/230 – 200/250 – 250/300 – 300/350*
*350/400*
*Soudure longitudinale au laser*
*Toutes les coudes sont soudées par le nouveau système au TIG automatisé*
*Embouchure avec système particulier "click-clack", ce système est appliqué du diam. 80 au diam. 150 inclus*
*Joint au silicone noir à triple lèvre qui assure une bonne étanchéité entre les deux jonctions (sur requête)*

***Accessoires:***
*Collier de blocage recommandé et fourni sur demande*

***Température d'exercice:***
*Max 200°: avec joint au silicone (pression P1 – 200 Pa)*
*Max 600°: sans joint au silicone (pression N1 – 40 Pa)*

***Certification:***
*CE (EN 1856-1)*

***Désignation technique:***
*T200-P1-W-V2-L50050-O30 système aéré avec élastomère d'étanchéité*
*T200-P1-W-V2-L50050-O00 système aéré avec élastomère d'étanchéité et simple feuille de matériel isolant*
*T600-N1-D-V2-L50050-O60 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-O50 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-O80 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant, passage au toit*
*T600-N1-D-V2-L50050-G50 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-G40 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-G150 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant, passage au toit*
*Certificat No. 0063CPD-52976/4*

APROS

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FPC

CE

EN 1856-1: 2009
No. 0063-CPD-52976/4

# Designazione tecnica del prodotto secondo EN 1856-1:2009

La designazione riguarda tutti gli elementi doppia parete e sono state così definite:

**Condotto fumario con funzionamento in pressione positiva P1:**

EN 1856-1 T200-P1-W-V2-L50050-O30 sistema areato con elastomero di tenuta

EN 1856-1 T200-P1-W-V2-L50050-O00 sistema areato con elastomero di tenuta e singola lastra materiale coibentante

**Spiegazione designazione:**

EN 1856-1: normativa di riferimento

T200: classe di temperatura

P1: classe di pressione in pressione positiva

W: resistenza alla condensa

(W: umido – D: secco)

V2: resistenza alla corrosione

L50: specifica del materiale utilizzato (aisi 316 L)

050: spessore del materiale 0,50 mm

O30: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 30 mm

O00: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 0 mm

Condotto fumario con funzionamento in pressione negativa N1:

T600-N1-D-V2-L50050-O60 sistema areato senza elastomero di tenuta

T600-N1-D-V2-L50050-O50 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante

T600-N1-D-V2-L50050-O80 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante passaggio a tetto

T600-N1-D-V2-L50050-G50 sistema areato senza elastomero di tenuta

T600-N1-D-V2-L50050-G40 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante

T600-N1-D-V2-L50050-G150 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante passaggio a tetto

**Spiegazione designazione:**

EN 1856-1: normativa di riferimento

T600: classe di temperatura

N1: classe di pressione in pressione negativa

D: resistenza alla condensa (W: umido – D: secco)

V2: resistenza alla corrosione

L50: specifica del materiale utilizzato (aisi 316 L)

050: spessore del materiale 0,50 mm

O60: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 60 mm

O50: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 50 mm

O80: non resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 80 mm

G50: resistente all'incendio di fuliggine.
Distanza minima dalle pareti infiammabili è di 50 mm

G40: resistente all'incendio di fuliggine.
Distanza minima dalle pareti infiammabili è di 40 mm

G150: resistente all'incendio di fuliggine. Distanza minima dalle pareti infiammabili è di 150 mm

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EN 1856-1: 2009
No. 0063-CPD-52976/4

Dynamic **Two Rame**
170

# Technical specification of the product according to EN 1856-1:2009

The specification covers all double wall elements and it was defined in such way:

**Smoke flue operating with positive pressure P1:**
EN 1856-1 T200-P1-W-V2-L50050-O30
aired system with tightness elastomer
EN 1856-1 T200-P1-W-V2-L50050-O00 aired system with tightness elastomer and single layer insulation material

**Explanation of the specification:**
EN 1856-1: rule of reference
T200: temperature class
P1: class of pressure in positive pressure
W: resistance to condensation (W: wet – D: dry)
V2: resistance to corrosion
L50: specification of the material (AISI 316L)
050: thickness of the material 0,50 mm
O70: not resistant to fire soot. Minimum distance from combustible walls is 70 mm
O00: not resistant to fire soot. Minimum distance from combustible walls is 0 mm

**Smoke flue operating with negative pressure N1:**
T600-N1-D-V2-L50050-O60 aired system without tightness elastomer
T600-N1-D-V2-L50050-O50 aired system without tightness elastomer and double layer insulation material
T600-N1-D-V2-L50050-O80 aired system without tightness elastomer and double layer insulation material, passage roof
T600-N1-D-V2-L50050-G50 aired system without tightness elastomer
T600-N1-D-V2-L50050-G40 not aired system without tightness elastomer, with double layer insulation material
T600-N1-D-V2-L50050-G150 not aired system without tightness elastomer, with double layer insulation material, passage roof

**Explanation of the specification:**
EN 1856-2: rule of reference
T600: temperature class
N1: class of pressure in negative pressure
W: resistance to condensation (W: wet – D: dry)
V2: resistance to corrosion
L50: specification of the material (AISI 316L)
050: thickness of the material 0,50 mm
O60: not resistant to fire soot.
Minimum distance from combustible walls is 60 mm
O50: not resistant to fire soot.
Minimum distance from combustible walls is 50 mm
O80: not resistant to fire soot.
Minimum distance from combustible walls is 80 mm
G50: resistant to fire soot.
Minimum distance from combustible walls is 50 mm
G40: resistant to fire soot.
Minimum distance from combustible walls is 40 mm
G150: resistant to fire soot.
Minimum distance from combustible walls is 150 mm

# Désignation technique du produit selon EN 1856-1: 2009

La désignation couvre tous les éléments double paroi et elle a été définie de cette manière:

**Conduit de fumée avec fonctionnement en pression positive P1:**
EN1856-1 T200-P1-W-V2-L50050-O30
système aéré avec élastomère d'étanchéité
EN 1856-1 T200-P1-W-V2-L50050-O00 système aéré avec élastomère d'étanchéité et feuille simple de matériel isolant

**Explication de la désignation:**
EN 1856-2: norme de référence
T200: classe de température
P1: classe de pression en pression positive
W: résistance à la condensation (W: humide – D: sec)
V2: résistance à la corrosion
L50: détail du matériel utilisé (AISI 316L)
050: épaisseur du matériel 0,50 mm
O70: non résistant au feu de suie. La distance minimale des parois combustibles est de 70 mm
O00: non résistant au feu de suie. La distance minimale des parois combustibles est de 0 mm

**Conduit de fumée avec fonctionnement en pression négative N1:**
T600-N1-D-V2-L50050-O60 système aéré sans élastomère d'étanchéité
T600-N1-D-V2-L50050-O50 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant
T600-N1-D-V2-L50050-O80 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant, passage au toit
T600-N1-D-V2-L50050-G50 système aéré sans élastomère d'étanchéité
T600-N1-D-V2-L50050-G40 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant
T600-N1-D-V2-L50050-G150 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant, passage au toit

**Explication de la désignation:**
EN 1856-2: norme de référence
T600: classe de température
N1: classe de pression en pression négative
W: résistance à la condensation (W: humide – D: sec)
V2: résistance à la corrosion
L500: détail du matériel utilisé (AISI 316L)
050: épaisseur du matériel 0,50 mm
O60: non résistant au feu de suie. La distance minimale des parois inflammables est de 60 mm
O50: non résistant au feu de suie. La distance minimale des parois inflammables est de 50 mm
O80: non résistant au feu de suie. La distance minimale des parois inflammables est de 80 mm
G50: résistant au feu de suie. La distance minimale des parois inflammables est de 50 mm
G40: résistant au feu de suie. La distance minimale des parois inflammables est de 40 mm
G150: résistant au feu de suie. La distance minimale des parois inflammables est de 150 mm

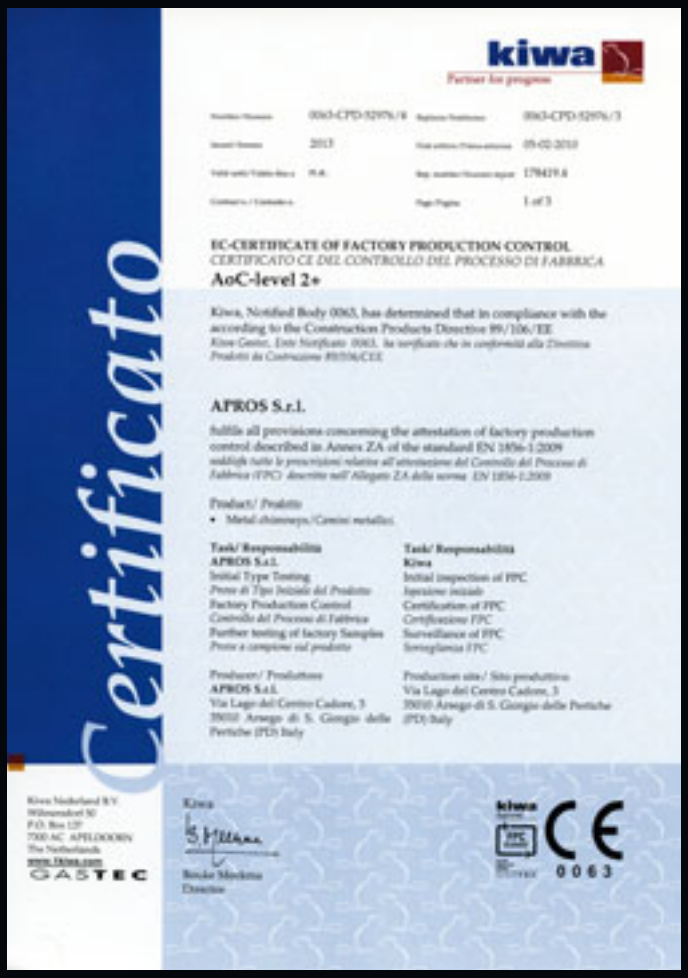
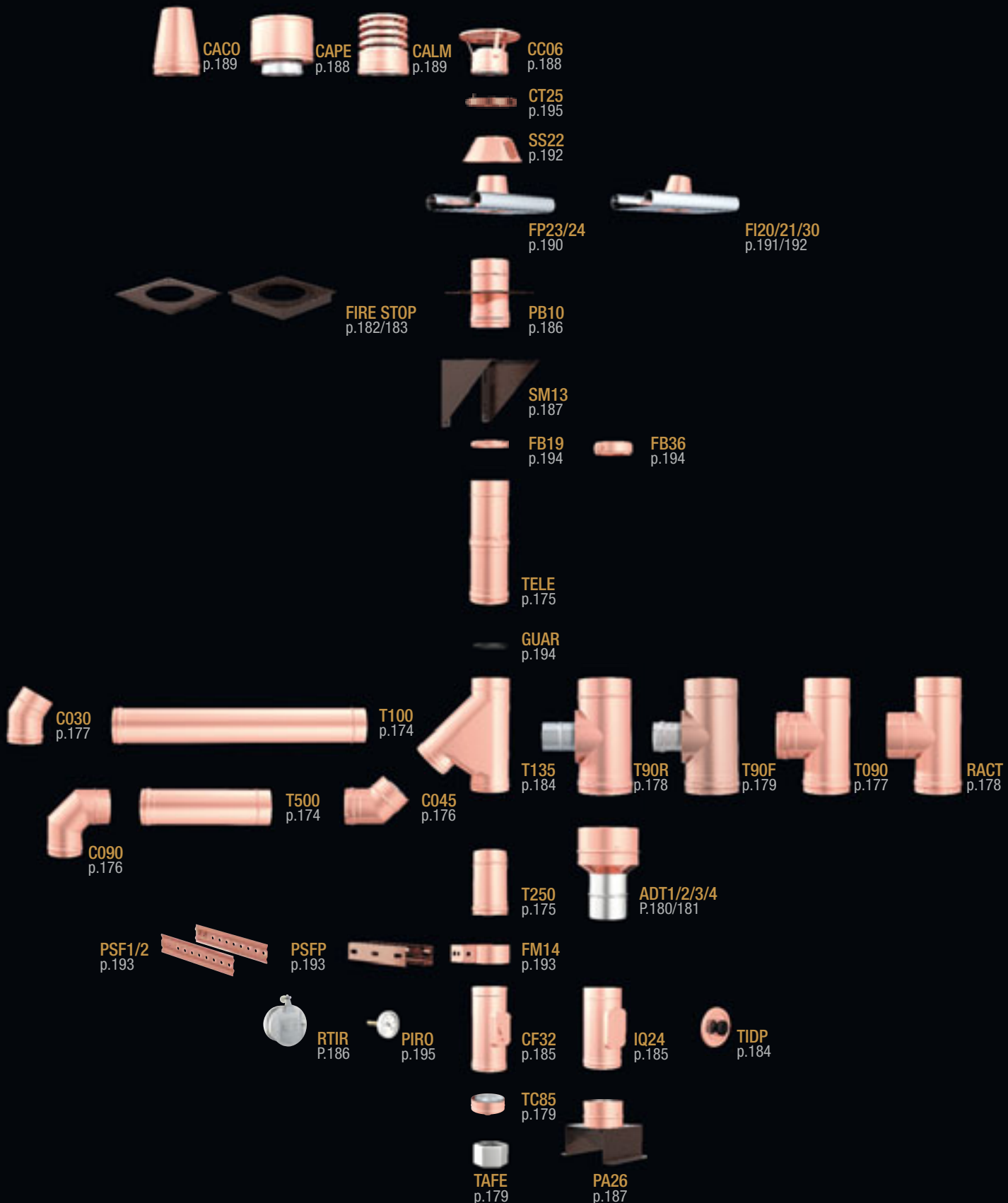

Certificato
EC-CERTIFICATE OF FACTORY PRODUCTION CONTROL
AoC-level 2+
APROS S.r.l.

*Schéma de montage* *Assembling scheme* Schema di montaggio

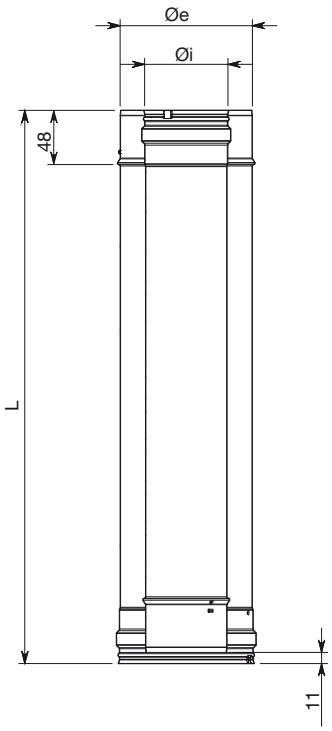


## T100

# Elemento lineare T100

*Linear element T100*

*Elément droit T100*



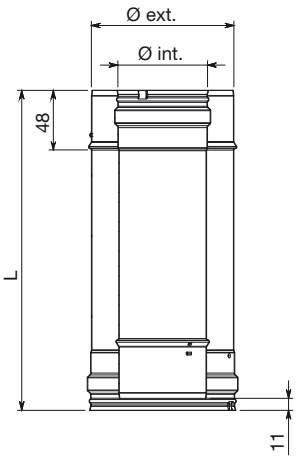

| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| R080T100 | 110,63 | 80 | 130 | 995 | 1 |
| R100T100 | 123,92 | 100 | 150 | 995 | 1 |
| R130T100 | 138,73 | 130 | 180 | 995 | 1 |
| R150T100 | 151,86 | 150 | 200 | 995 | 1 |
| R180T100 | 175,89 | 180 | 230 | 995 | 1 |
| R200T100 | 191,52 | 200 | 250 | 995 | 1 |
| R250T100 | 225,85 | 250 | 300 | 995 | 1 |
| R300T100 | 254,63 | 300 | 350 | 995 | 1 |
| R350T100 | 282,17 | 350 | 400 | 995 | 1 |

## T500

# Elemento lineare T500

*Linear element T500*

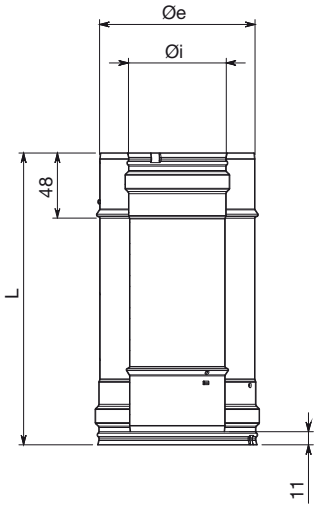
*Elément droit T500*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| R080T500 | 81,81 | 80 | 130 | 495 | 1 |
| R100T500 | 87,65 | 100 | 150 | 495 | 1 |
| R130T500 | 99,42 | 130 | 180 | 495 | 1 |
| R150T500 | 106,00 | 150 | 200 | 495 | 1 |
| R180T500 | 122,80 | 180 | 230 | 495 | 1 |
| R200T500 | 133,82 | 200 | 250 | 495 | 1 |
| R250T500 | 158,83 | 250 | 300 | 495 | 1 |
| R300T500 | 196,76 | 300 | 350 | 495 | 1 |
| R350T500 | 246,32 | 350 | 400 | 495 | 1 |

## T250

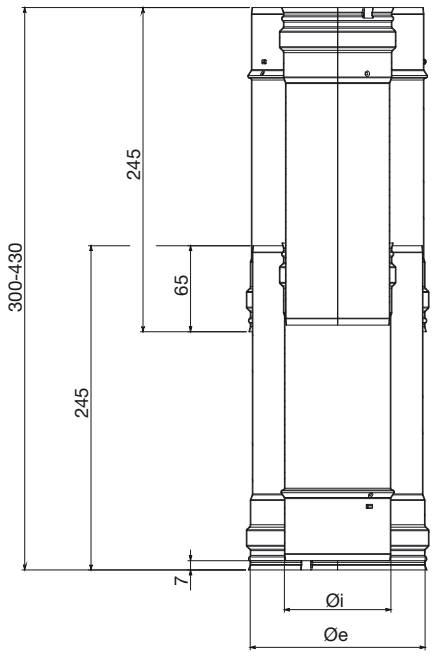
### Elemento lineare T250
*Linear element T250*
*Elément droit T250*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| R080T250 | 64,98 | 80 | 130 | 245 | 1 |
| R100T250 | 68,62 | 100 | 150 | 245 | 1 |
| R130T250 | 75,96 | 130 | 180 | 245 | 1 |
| R150T250 | 80,00 | 150 | 200 | 245 | 1 |
| R180T250 | 90,56 | 180 | 230 | 245 | 1 |
| R200T250 | 104,24 | 200 | 250 | 245 | 1 |
| R250T250 | 111,34 | 250 | 300 | 245 | 1 |
| R300T250 | 138,24 | 300 | 350 | 245 | 1 |
| R350T250 | 191,06 | 350 | 400 | 245 | 1 |

## TELE

### Elemento telescopico
*Telescopic element*
*Elément télescopique*



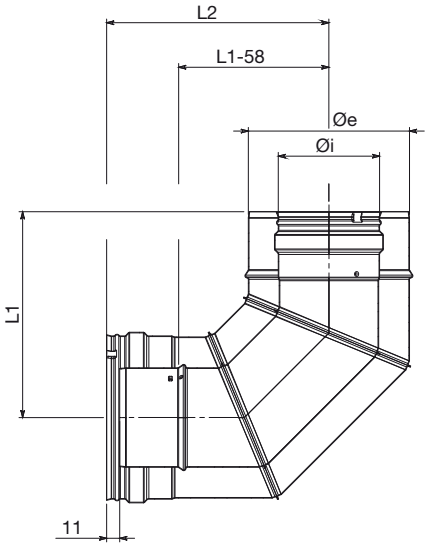

| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| R080TELE | 141,39 | 80 | 130 | 1 |
| R100TELE | 153,36 | 100 | 150 | 1 |
| R130TELE | 174,88 | 130 | 180 | 1 |
| R150TELE | 188,41 | 150 | 200 | 1 |
| R180TELE | 219,76 | 180 | 230 | 1 |
| R200TELE | 249,27 | 200 | 250 | 1 |
| R250TELE | 274,12 | 250 | 300 | 1 |
| R300TELE | 325,55 | 300 | 350 | 1 |
| R350TELE | 407,67 | 350 | 400 | 1 |

## C090

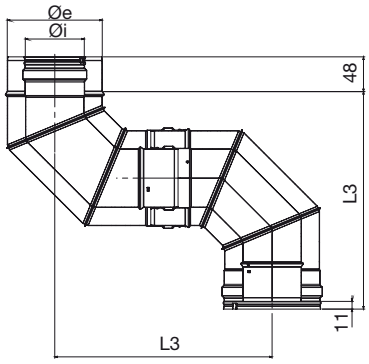
# Curva a 90°

*Bend 90°*

*Coude 90°*




| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| R080C090 | 130,75 | 80 | 130 | 166 | 180 | 299 | 1 |
| R100C090 | 141,75 | 100 | 150 | 176 | 190 | 318 | 1 |
| R130C090 | 175,44 | 130 | 180 | 193 | 205 | 351 | 1 |
| R150C090 | 189,62 | 150 | 200 | 201 | 215 | 369 | 1 |
| R180C090 | 213,97 | 180 | 230 | 216 | 230 | 399 | 1 |
| R200C090 | 218,89 | 200 | 250 | 226 | 240 | 419 | 1 |
| R250C090 | 264,73 | 250 | 300 | 251 | 265 | 469 | 1 |
| R300C090 | 293,86 | 300 | 350 | 276 | 290 | 519 | 1 |
| R350C090 | 403,94 | 350 | 400 | 301 | 315 | 569 | 1 |

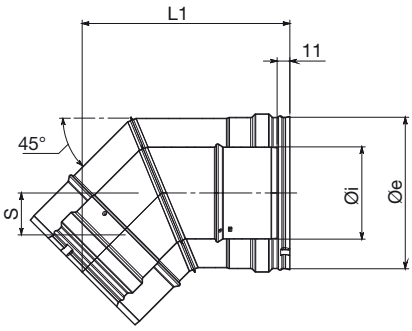


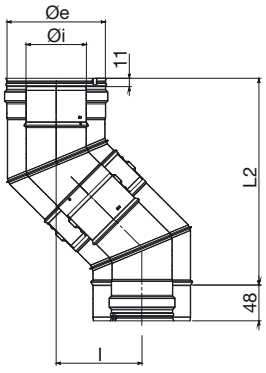

## C045

# Curva a 45°

*Bend 45°*

*Coude 45°*



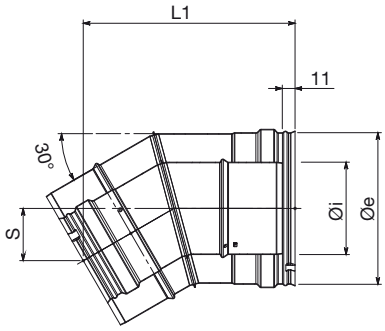

| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| R080C045 | 83,65 | 80 | 130 | 181 | 266 | 32 | 123 | 1 |
| R100C045 | 89,47 | 100 | 150 | 187 | 280 | 35 | 130 | 1 |
| R130C045 | 101,85 | 130 | 180 | 201 | 307 | 40 | 141 | 1 |
| R150C045 | 111,48 | 150 | 200 | 206 | 317 | 42 | 145 | 1 |
| R180C045 | 129,79 | 180 | 230 | 216 | 338 | 47 | 154 | 1 |
| R200C045 | 146,40 | 200 | 250 | 226 | 351 | 49 | 159 | 1 |
| R250C045 | 178,31 | 250 | 300 | 241 | 380 | 57 | 165 | 1 |
| R300C045 | 225,76 | 300 | 350 | 259 | 417 | 64 | 180 | 1 |
| R350C045 | 268,53 | 350 | 400 | 276 | 451 | 72 | 194 | 1 |

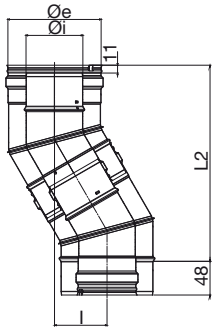
## C030

# Curva a 30°

*Bend 30°*

*Coude 30°*




| codice *code code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| R080C030 | 83,65 | 80 | 130 | 185 | 277 | 50 | 74 | 1 |
| R100C030 | 89,47 | 100 | 150 | 190 | 287 | 55 | 76 | 1 |
| R130C030 | 105,03 | 130 | 180 | 195 | 301 | 55 | 80 | 1 |
| R150C030 | 111,48 | 150 | 200 | 200 | 312 | 60 | 83 | 1 |
| R180C030 | 129,79 | 180 | 230 | 208 | 326 | 60 | 87 | 1 |
| R200C030 | 146,40 | 200 | 250 | 213 | 336 | 65 | 96 | 1 |
| R250C030 | 178,31 | 250 | 300 | 225 | 361 | 65 | 96 | 1 |
| R300C030 | 225,76 | 300 | 350 | 240 | 386 | 70 | 103 | 1 |
| R350C030 | 268,53 | 350 | 400 | 250 | 412 | 70 | 110 | 1 |

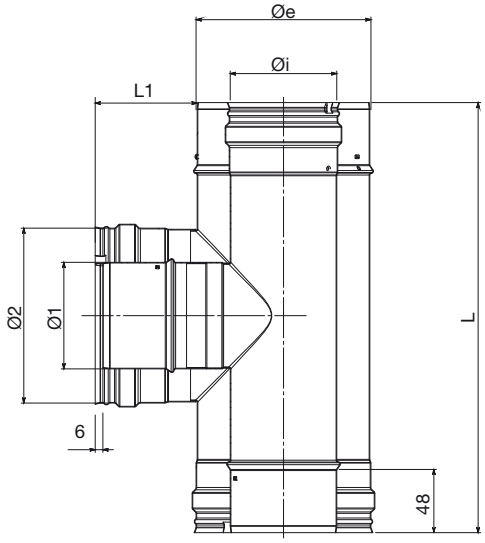
**N.B.** Saldature a rullo solo per la serie C030

## T090

# Raccordo a T 90° (stacco maschio)

*T 90° Pipe fitting (male coupler)*

*Raccord en T 90°(coupleur mâle)*

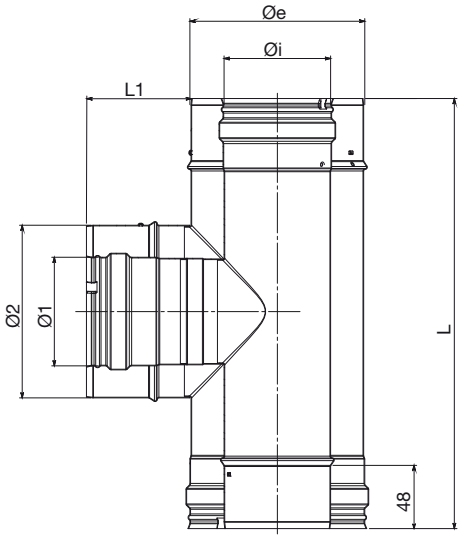



| codice *code code* | € | Øi | Øe | $Ø_1/Ø_2$ | L1 | L | |
|---|---|---|---|---|---|---|---|
| R080T090 | 159,95 | 80 | 130 | 80/130 | 77 | 325 | 1 |
| R100T090 | 171,33 | 100 | 150 | 100/150 | 77 | 325 | 1 |
| R130T090 | 186,14 | 130 | 180 | 130/180 | 77 | 325 | 1 |
| R150T090 | 199,66 | 150 | 200 | 150/200 | 77 | 495 | 1 |
| R180T090 | 221,87 | 180 | 230 | 180/230 | 77 | 495 | 1 |
| R200T090 | 231,16 | 200 | 250 | 200/250 | 77 | 495 | 1 |
| R250T090 | 298,04 | 250 | 300 | 250/300 | 77 | 495 | 1 |
| R300T090 | 396,79 | 300 | 350 | 300/350 | 77 | 495 | 1 |
| R350T090 | 591,45 | 350 | 400 | 350/400 | 77 | 545 | 1 |

## RACT

## Raccordo a T 90° F/F (stacco femmina)

*T 90°Pipe fitting F/F (female coupler)*
*Raccord en T 90° F/F (coupleur femelle)*

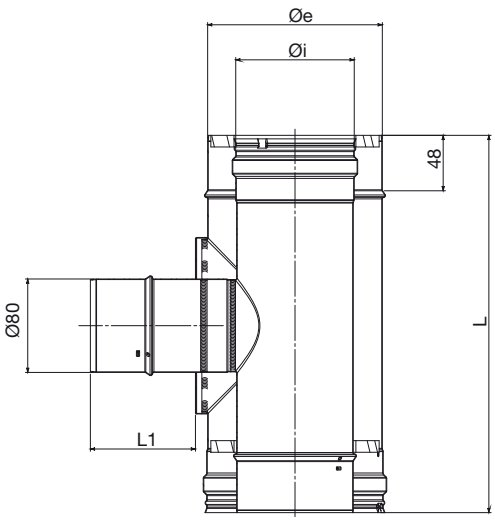



| codice *code code* | € | Øi | Øe | $Ø_1/Ø_2$ | L1 | L | |
|---|---|---|---|---|---|---|---|
| R080RACT | 159,95 | 80 | 130 | 80/130 | 80 | 325 | 1 |
| R100RACT | 171,33 | 100 | 150 | 100/150 | 80 | 325 | 1 |
| R130RACT | 186,14 | 130 | 180 | 130/180 | 80 | 325 | 1 |
| R150RACT | 199,66 | 150 | 200 | 150/200 | 80 | 495 | 1 |
| R180RACT | 221,87 | 180 | 230 | 180/230 | 80 | 495 | 1 |
| R200RACT | 231,16 | 200 | 250 | 200/250 | 80 | 495 | 1 |
| R250RACT | 298,04 | 250 | 300 | 250/300 | 80 | 495 | 1 |
| R300RACT | 396,79 | 300 | 350 | 300/350 | 80 | 495 | 1 |
| R350RACT | 591,45 | 350 | 400 | 350/400 | 80 | 545 | 1 |

## T90R

## Raccordo a T 90° ridotto Ø 80 (stacco maschio)

*T 90° Reduced pipe fitting Ø 80 (male coupler)*
*Raccord réduit en T 90° Ø 80 (coupleur mâle)*

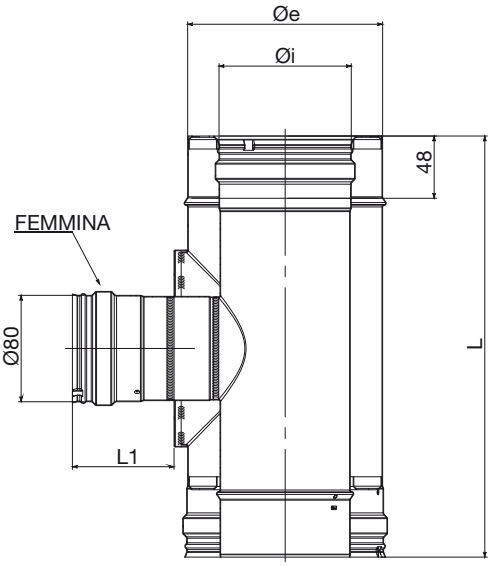



| codice *code code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| R100T90R | 136,30 | 100 | 150 | 325 | 91 | 1 |
| R130T90R | 159,12 | 130 | 180 | 325 | 91 | 1 |
| R150T90R | 166,74 | 150 | 200 | 495 | 91 | 1 |
| R180T90R | 192,76 | 180 | 230 | 495 | 91 | 1 |
| R200T90R | 223,95 | 200 | 250 | 495 | 91 | 1 |
| R250T90R | 264,00 | 250 | 300 | 495 | 91 | 1 |
| R300T90R | 357,59 | 300 | 350 | 495 | 91 | 1 |
| R350T90R | 393,12 | 350 | 400 | 545 | 91 | 1 |

## T90F

## Raccordo a T 90° ridotto Ø 80 (stacco femmina)

*T 90° Reduced pipe fitting Ø 80 (female coupler)*
*Raccord réduit en T 90° Ø 80 (coupleur femelle)*

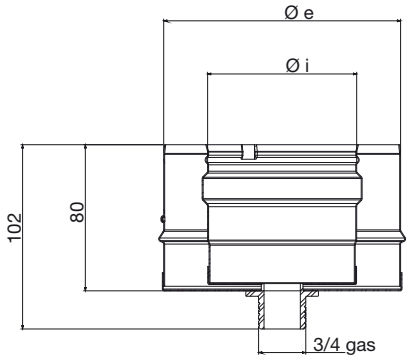



| codice<br>*code*<br>*code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| R100T90F | 136,30 | 100 | 150 | 325 | 91 | 1 |
| R130T90F | 159,12 | 130 | 180 | 325 | 91 | 1 |
| R150T90F | 166,74 | 150 | 200 | 495 | 91 | 1 |
| R180T90F | 192,76 | 180 | 230 | 495 | 91 | 1 |
| R200T90F | 223,95 | 200 | 250 | 495 | 91 | 1 |
| R250T90F | 264,00 | 250 | 300 | 495 | 91 | 1 |
| R300T90F | 357,59 | 300 | 350 | 495 | 91 | 1 |
| R350T90F | 393,12 | 350 | 400 | 545 | 91 | 1 |

## TC85

## Tappo raccogli condensa

*Collecting condensate plug*
*Bouchon de récupére condensation*

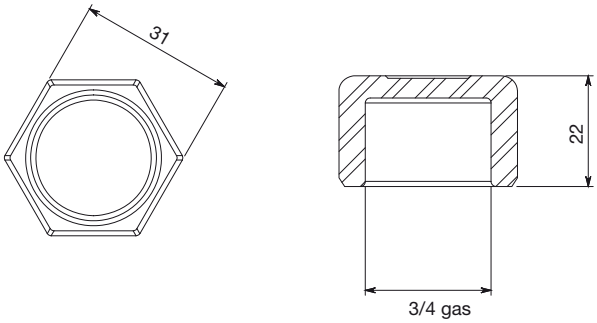



| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| R080TC85 | 70,06 | 80 | 130 | 1 |
| R100TC85 | 75,53 | 100 | 150 | 1 |
| R130TC85 | 80,40 | 130 | 180 | 1 |
| R150TC85 | 82,21 | 150 | 200 | 1 |
| R180TC85 | 84,88 | 180 | 230 | 1 |
| R200TC85 | 86,58 | 200 | 250 | 1 |
| R250TC85 | 95,69 | 250 | 300 | 1 |
| R300TC85 | 102,92 | 300 | 350 | 1 |
| R350TC85 | 119,80 | 350 | 400 | 1 |

## TAFE

## Tappo femmina AISI 316 3/4 gas

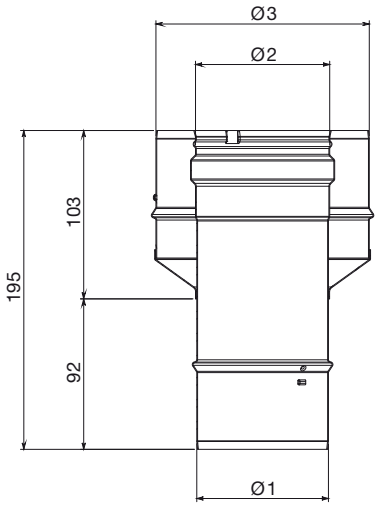
*Female plug AISI 316 3/4 gas*
*Bouchon femelle AISI 316 3/4 gas*




| codice<br>*code*<br>*code* | € | |
|---|---|---|
| IUNVTAFE | 5,78 | 1 |

## ADT1

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

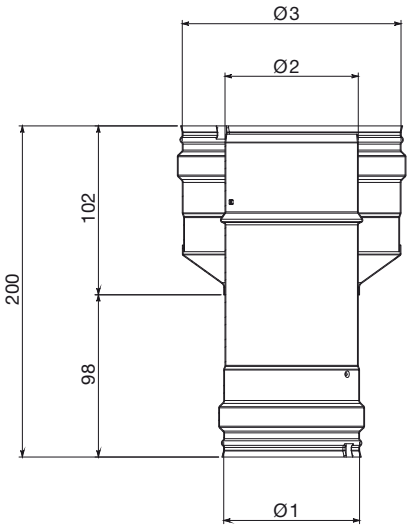



| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| R080ADT1 | 54,90 | 80 M | 80F | 130M | 1 |
| R100ADT1 | 60,66 | 100M | 100F | 150M | 1 |
| R130ADT1 | 64,10 | 130M | 130F | 180M | 1 |
| R150ADT1 | 72,45 | 150M | 150F | 200M | 1 |
| R180ADT1 | 82,42 | 180M | 180F | 230M | 1 |
| R200ADT1 | 94,77 | 200M | 200F | 250M | 1 |
| R250ADT1 | 120,19 | 250M | 250F | 300M | 1 |
| R300ADT1 | 147,71 | 300M | 300F | 350M | 1 |
| R350ADT1 | 157,39 | 350M | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT2

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

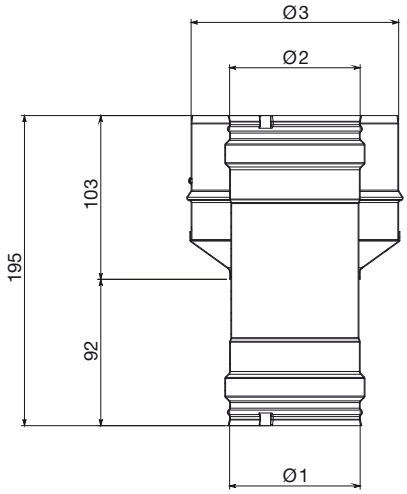



| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| R080ADT2 | 54,90 | 80F | 80M | 130F | 1 |
| R100ADT2 | 60,66 | 100F | 100M | 150F | 1 |
| R130ADT2 | 64,10 | 130F | 130M | 180F | 1 |
| R150ADT2 | 72,45 | 150F | 150M | 200F | 1 |
| R180ADT2 | 82,42 | 180F | 180M | 230F | 1 |
| R200ADT2 | 94,77 | 200F | 200M | 250F | 1 |
| R250ADT2 | 120,19 | 250F | 250M | 300F | 1 |
| R300ADT2 | 147,71 | 300F | 300M | 350F | 1 |
| R350ADT2 | 157,39 | 350F | 350M | 400F | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT3

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

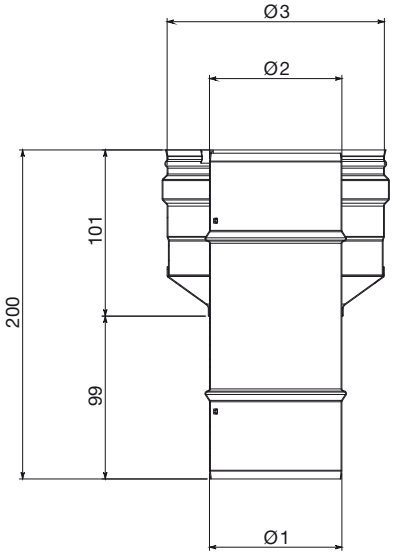



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| R080ADT3 | 54,90 | 80F | 80F | 130M | 1 |
| R100ADT3 | 60,66 | 100F | 100F | 150M | 1 |
| R130ADT3 | 64,10 | 130F | 130F | 180M | 1 |
| R150ADT3 | 72,45 | 150F | 150F | 200M | 1 |
| R180ADT3 | 82,42 | 180F | 180F | 230M | 1 |
| R200ADT3 | 94,77 | 200F | 200F | 250M | 1 |
| R250ADT3 | 120,19 | 250F | 250F | 300M | 1 |
| R300ADT3 | 147,71 | 300F | 300F | 350M | 1 |
| R350ADT3 | 157,39 | 350F | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT4

# Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*




| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| R080ADT4 | 54,90 | 80M | 80M | 130F | 1 |
| R100ADT4 | 60,66 | 100M | 100M | 150F | 1 |
| R130ADT4 | 64,10 | 130M | 130M | 180F | 1 |
| R150ADT4 | 72,45 | 150M | 150M | 200F | 1 |
| R180ADT4 | 82,42 | 180M | 180M | 230F | 1 |
| R200ADT4 | 94,77 | 200M | 200M | 250F | 1 |
| R250ADT4 | 120,19 | 250M | 250M | 300F | 1 |
| R300ADT4 | 147,71 | 300M | 300M | 350F | 1 |
| R350ADT4 | 157,39 | 350M | 350M | 400F | 1 |

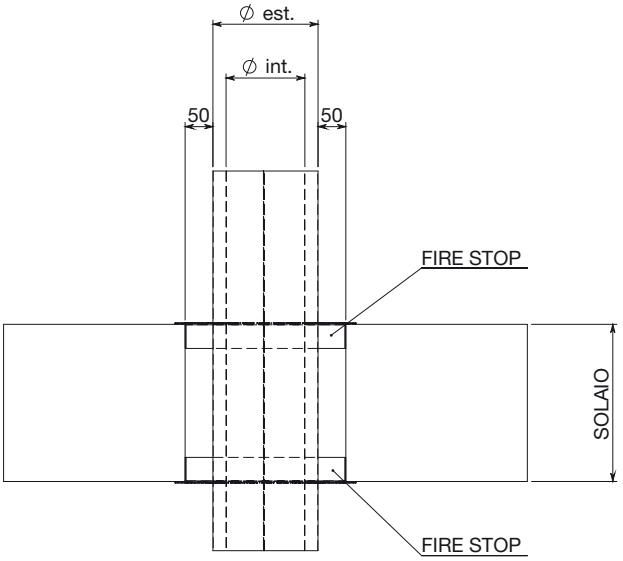
**M - maschio** *male mâle*
**F - femmina** *female femelle*

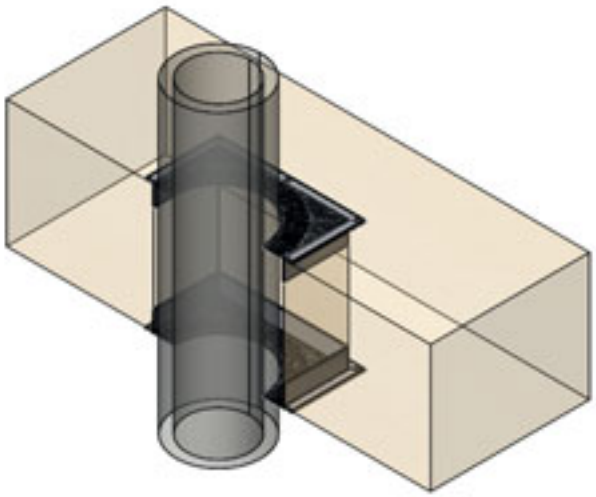
# FIRE STOP

**Il Fire stop è un sistema composto da due solide piastre costruite in acciaio zincato , che sono posizionate nella parte superiore e inferiore dei solai. Secondo le regolamentazioni britanniche in materia di edilizia, quando una canna fumaria passa attraverso un piano o un soffitto, l'installazione deve essere completata da un Fire stop realizzato in materiale non combustibile. Le piastre possono essere ventilate, o meglio provviste di fessure e fori per il passaggio dell'aria (utilizzo per interni e vicinanza a materiali sensibili al calore), e non ventilate (totalmente chiuse, per chiudere camini in refrattario). L'installazione del Fire stop ha lo scopo di prevenire contatti di calore diretti, mantenendo concentrica la canna fumaria rispetto al cavedio. Il prodotto è stato sottoposto ai test termici di temperatura e ai test di resistenza al fuoco, secondo la normativa europea BS EN 1856 -1:2009 & BS 476: PART 20:1987 , e ha conseguito la seguente designazione tecnica: T450 N1 D V2 L50050 G(50)**

*The **Fire Stop** is a system composed of two solid plates made of galvanized steel, which are located in the upper and lower floors. According to British regulations on construction, when a chimney passes through a floor or ceiling, the installation must be completed by a Fire Stop made of non-combustible material. The plates can be ventilated, or better provided with slots and holes for the passage of air (for internal use and proximity to heat sensitive materials), and non-ventilated (fully closed, to close refractory chimneys). The installation of Fire Stop is designed to prevent direct contact heat, maintaining the flue chimney concentric in the seat of the flue pipes . The product was subjected to thermal testing temperature and fire resistance tests, according to European Standard BS EN 1856 – 1:2009 & BS 476: PART 20:1987, and holds the following technical designation: T450 N1 D V2 L50050 G (50)*

*La **Plaque d'écart au feux** est un système composé par deux plaques solides en acier galvanisé, qui sont situées dans les étages supérieurs et inférieurs. Selon la réglementation européenne sur la construction, où une cheminée traverse un plancher ou un plafond, l'installation doit être complétée par la Plaque d'écart au feux faite d'un matériau incombustible. Les plaques peuvent être ventilés, ou mieux pourvues de fentes et de trous pour le passage de l'air (à usage interne et en proximité de matériaux thermosensibles), et non ventilés (totalement fermées, pour fermer les cheminées réfractaires). L'installation des Plaques d'écart au feux est conçue pour empêcher les contacts directs à la chaleur, en maintenant concentrique le conduit de fumée par rapport à la zone du passage de la cheminée. Le produit a été soumis aux essais thermiques de température et aux tests de résistance au feu, selon la norme européenne BS EN 1856 -1:2009 & BS 476: PART 20:1987, et détient la désignation technique suivante: T450 N1 D V2 L50050 G (50)*



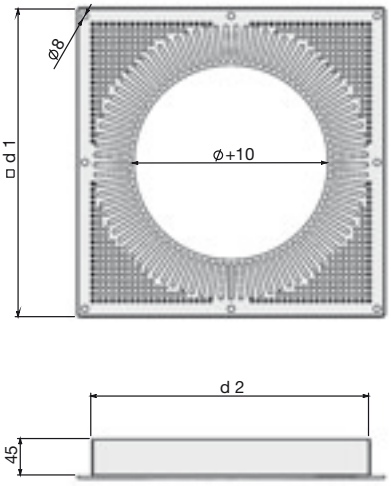



## FST1

# Fire stop areato

*Ventilated fire stop*

*Plaque d'écart au feux ventilée*



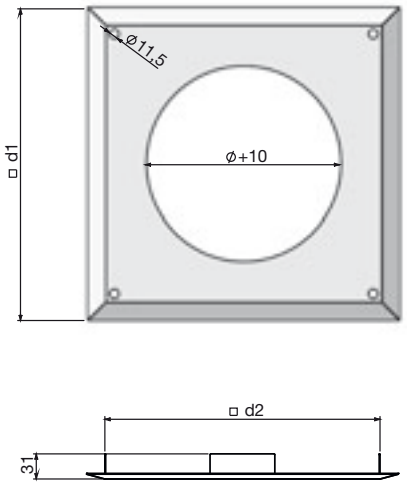

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| RZ180FST1 | 49,98 | 180 | 327 | 289 | 2 |
| RZ200FST1 | 52,98 | 200 | 347 | 309 | 2 |
| RZ230FST1 | 56,68 | 230 | 377 | 399 | 2 |
| RZ250FST1 | 65,00 | 250 | 397 | 359 | 2 |

## FST2

# Fire stop non areato

*Non-ventilated fire stop*

*Plaque d'écart au feux non ventilée*



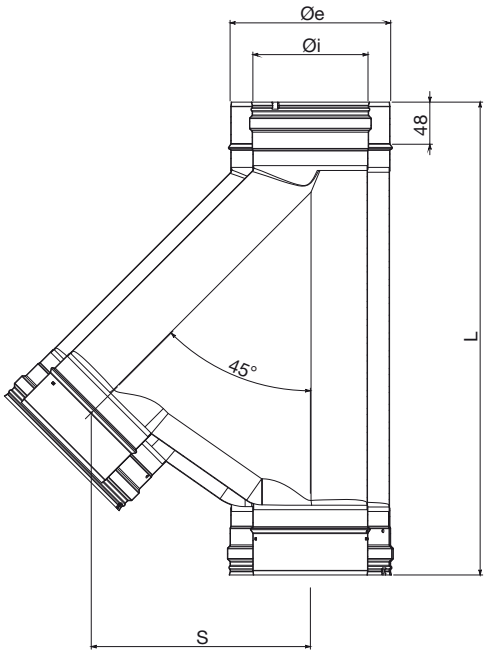

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| RZ180FST2 | 49,98 | 180 | 333 | 290 | 2 |
| RZ200FST2 | 52,98 | 200 | 352 | 309 | 2 |
| RZ230FST2 | 56,68 | 230 | 385 | 340 | 2 |
| RZ250FST2 | 65,00 | 250 | 405 | 360 | 2 |

## T135

# Raccordo a T135°

*T 135° Pipe Fitting*

*Raccord en T 135°*



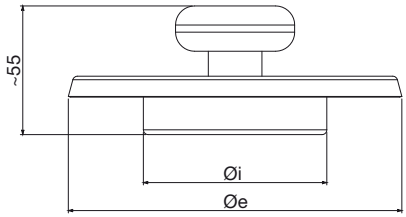

| codice<br>*code*<br>*code* | € | Øi | Øe | S | L | |
|---|---|---|---|---|---|---|
| R080T135 | 303,91 | 80 | 130 | 230 | 470 | 1 |
| R100T135 | 332,02 | 100 | 150 | 250 | 505 | 1 |
| R130T135 | 379,69 | 130 | 180 | 270 | 545 | 1 |
| R150T135 | 414,15 | 150 | 200 | 290 | 575 | 1 |
| R180T135 | 476,61 | 180 | 230 | 315 | 610 | 1 |
| R200T135 | 510,16 | 200 | 250 | 330 | 640 | 1 |
| R250T135 | 652,31 | 250 | 300 | 370 | 710 | 1 |
| R300T135 | 855,29 | 300 | 350 | 420 | 785 | 1 |
| R350T135 | 1037,84 | 350 | 400 | 500 | 930 | 1 |

## TIDP

# Tappo per ispezione

*Plug for inspection*

*Trappe d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| R080TIDP | 23,59 | 80 | 130 | 1 |
| R100TIDP | 26,00 | 100 | 150 | 1 |
| R130TIDP | 31,23 | 130 | 180 | 1 |
| R150TIDP | 34,65 | 150 | 200 | 1 |
| R180TIDP | 45,04 | 180 | 230 | 1 |
| R200TIDP | 49,31 | 200 | 250 | 1 |
| R250TIDP | 78,63 | 250 | 300 | 1 |

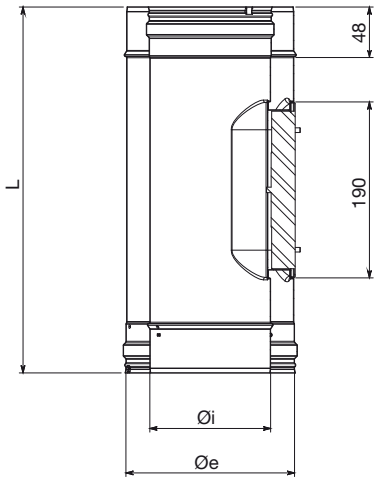
Da applicare su T090 e RACT

*To apply on T090 and RACT*

*Appliquer à T090 et RACT*

## IQ24

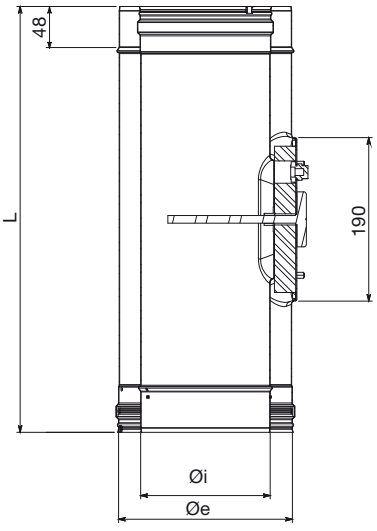
### Modulo raccolta incombusti
*Unburnt materials collecting box*
*Module de recueil des suies*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| R130IQ24 | 271,41 | 130 | 180 | 395 | 1 |
| R150IQ24 | 286,56 | 150 | 200 | 395 | 1 |
| R180IQ24 | 314,19 | 180 | 230 | 495 | 1 |
| R200IQ24 | 324,76 | 200 | 250 | 495 | 1 |
| R250IQ24 | 364,61 | 250 | 300 | 495 | 1 |

## CF32

### Modulo rilevamento fumi ed ispezioni
*Module smoke detection and inspection*
*Module détection de fumée et d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| R130CF32 | 319,61 | 130 | 180 | 395 | 1 |
| R150CF32 | 333,53 | 150 | 200 | 395 | 1 |
| R180CF32 | 359,02 | 180 | 230 | 495 | 1 |
| R200CF32 | 368,75 | 200 | 250 | 495 | 1 |
| R250CF32 | 388,50 | 250 | 300 | 495 | 1 |

## RTIR

# Regolatore di tiraggio automatico
*Automatic air draught regulator*
*Régulateur de tirage automatique*

| codice<br>*code*<br>*code* | € | Ø1 | |
|---|---|---|---|
| I100RTIR | 260,40 | 100 | 1 |
| I130RTIR | 260,40 | 130 | 1 |
| I150RTIR | 173,25 | 150 | 1 |
| I180RTIR | 333,90 | 180 | 1 |

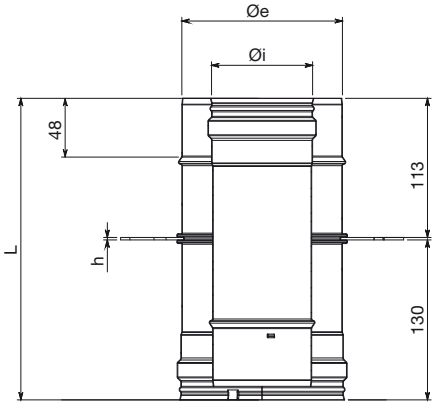
Serve per stabilizzare e regolare il tiraggio della canna fumaria attraverso l'immissione di aria dall'ambiente d'installazione o dall'esterno, conforme d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 ecc. I regolatori di tiraggio sono utilizzabili anche come apertura automatica della ventilazione 3 Pa.

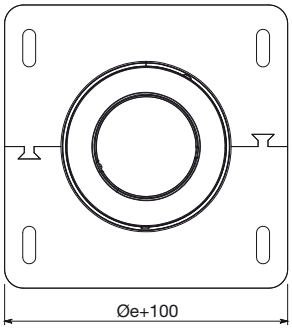
*It is useful to stabilize and adjust the draft of the chimney through the release of air from the installation environment or from outside, in accordance with d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 etc. The draught regulators are also used as automatic opening of ventilation 3 Pa.*

*Il sert à stabiliser et à régler le tirage du conduit de fumée, par l'introduction d'air de l'ambiance d'installation ou de l'externe, en conformité avec le d-legs. 152/06, UNI 7129, UNI EN1443, UNI 10683 etc. Les régulateurs de tirage sont également utilisés comme ouverture automatique de la ventilation 3 Pa.*

## PB10

# Piastra con elemento dritto
*Plate with straight element*
*Plaque avec élément droit*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | h | |
|---|---|---|---|---|---|---|
| R080PB10 | 106,78 | 80 | 130 | 245 | 2 | 1 |
| R100PB10 | 110,67 | 100 | 150 | 245 | 2 | 1 |
| R130PB10 | 116,54 | 130 | 180 | 245 | 2 | 1 |
| R150PB10 | 121,17 | 150 | 200 | 245 | 2 | 1 |
| R180PB10 | 132,50 | 180 | 230 | 245 | 2 | 1 |
| R200PB10 | 136,41 | 200 | 250 | 245 | 3 | 1 |
| R250PB10 | 147,67 | 250 | 300 | 245 | 3 | 1 |
| R300PB10 | 171,29 | 300 | 350 | 245 | 3 | 1 |
| R350PB10 | 184,49 | 350 | 400 | 245 | 3 | 1 |

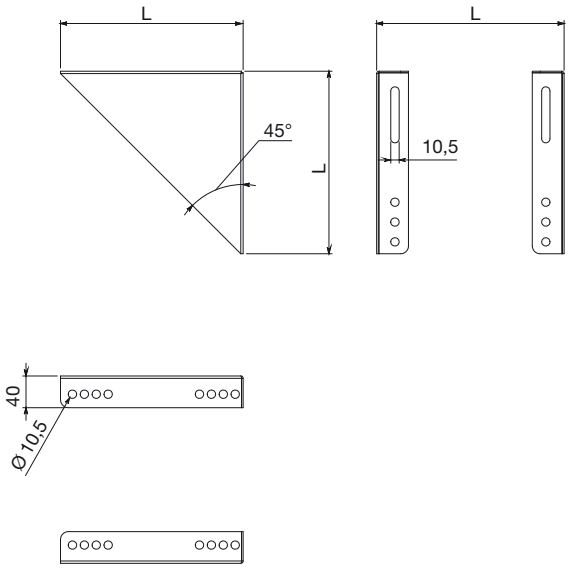
**N.B.** Tutte le piastre di supporto sono verniciate color rame brunito

*All supporting plates are painted in burnished copper color*

*Toutes les plaques de support sont peintes de couleur cuivre bruni*

## SM13

# Supporto murale
*Wall support*
*Support mural*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| RZ130SM13 | 35,05 | 130 | 230 | 1 |
| RZ150SM13 | 36,17 | 150 | 250 | 1 |
| RZ180SM13 | 37,36 | 180 | 280 | 1 |
| RZ200SM13 | 50,16 | 200 | 300 | 1 |
| RZ230SM13 | 60,45 | 230 | 330 | 1 |
| RZ250SM13 | 70,66 | 250 | 350 | 1 |
| RZ300SM13 | 81,83 | 300 | 400 | 1 |
| RZ350SM13 | 72,96 | 350 | 450 | 1 |
| RZ400SM13 | 141,02 | 400 | 500 | 1 |

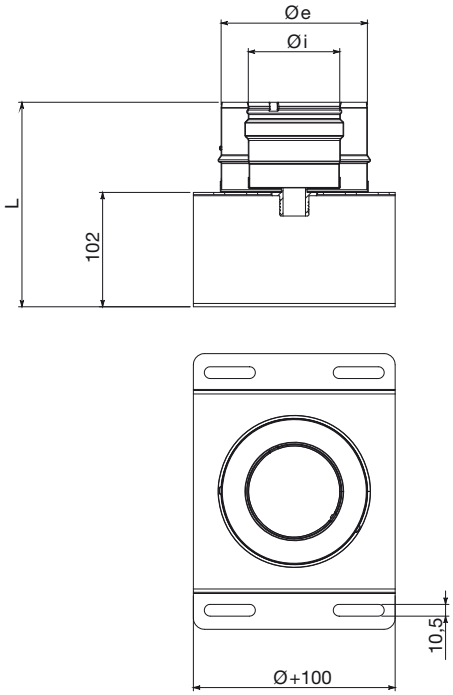
**N.B.** Tutte le piastre di supporto sono verniciate color rame brunito

*All supporting plates are painted in burnished copper color*

*Toutes les plaques de support sont peintes de couleur cuivre bruni*

## PA26

# Piastra ancoraggio con scarico
*Anchorage plate with draining*
*Plaque d'ancrage avec évacuation*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| R080PA26 | 124,27 | 80 | 130 | 190 | 1 |
| R100PA26 | 129,49 | 100 | 150 | 190 | 1 |
| R130PA26 | 138,03 | 130 | 180 | 190 | 1 |
| R150PA26 | 140,28 | 150 | 200 | 190 | 1 |
| R180PA26 | 157,62 | 180 | 230 | 190 | 1 |
| R200PA26 | 160,06 | 200 | 250 | 190 | 1 |
| R250PA26 | 172,15 | 250 | 300 | 190 | 1 |
| R300PA26 | 180,79 | 300 | 350 | 190 | 1 |
| R350PA26 | 234,13 | 350 | 400 | 190 | 1 |

**N.B.** Tutte le piastre di supporto sono verniciate color rame brunito

*All supporting plates are painted in burnished copper color*

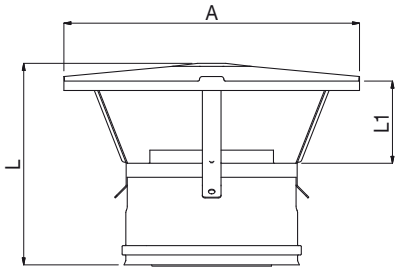
*Toutes les plaques de support sont peintes de couleur cuivre bruni*

## CC06

## Terminale cinese

*Rain ending part*

*Terminal chinois*



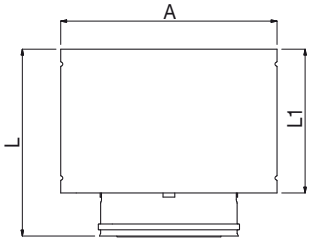

| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| R080CC06 | 70,68 | 80/130 | 265 | 195 | 70 | 1 |
| R100CC06 | 77,59 | 100/150 | 265 | 200 | 75 | 1 |
| R130CC06 | 101,84 | 130/180 | 320 | 215 | 90 | 1 |
| R150CC06 | 106,36 | 150/200 | 320 | 225 | 100 | 1 |
| R180CC06 | 138,90 | 180/230 | 400 | 235 | 110 | 1 |
| R200CC06 | 144,27 | 200/250 | 400 | 250 | 125 | 1 |
| R250CC06 | 191,05 | 250/300 | 500 | 275 | 150 | 1 |
| R300CC06 | 235,16 | 300/350 | 600 | 300 | 175 | 1 |

## CAPE

## Terminale antivento

*Windproof ending part*

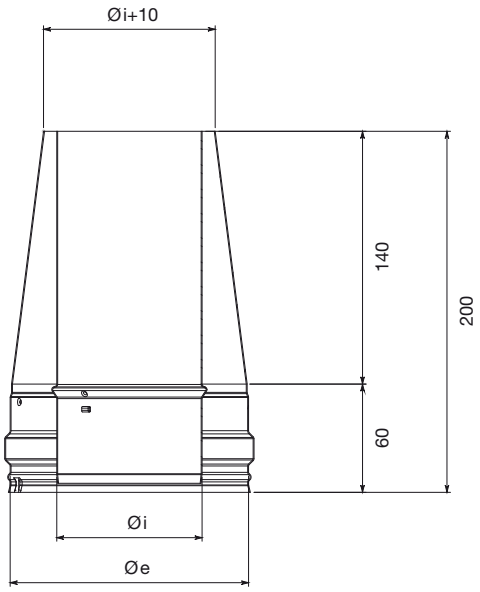
*Terminal anti-vent*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| R080CAPE | 83,82 | 80/130 | 220 | 240 | 165 | 1 |
| R100CAPE | 97,69 | 100/150 | 260 | 260 | 200 | 1 |
| R130CAPE | 120,79 | 130/180 | 300 | 280 | 200 | 1 |
| R150CAPE | 131,38 | 150/200 | 310 | 320 | 250 | 1 |
| R180CAPE | 165,13 | 180/230 | 370 | 340 | 250 | 1 |
| R200CAPE | 171,18 | 200/250 | 420 | 340 | 250 | 1 |
| R250CAPE | 219,93 | 250/300 | 470 | 400 | 310 | 1 |
| R300CAPE | 257,64 | 300/350 | 530 | 400 | 310 | 1 |
| R350CAPE | 297,65 | 350/400 | 610 | 500 | 415 | 1 |

## CACO

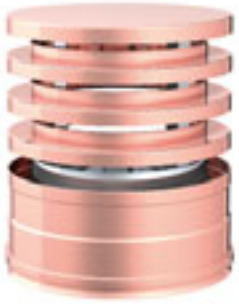
### Terminale tronco conico
*Conic truncated ending part*
*Terminal cône tronqué*

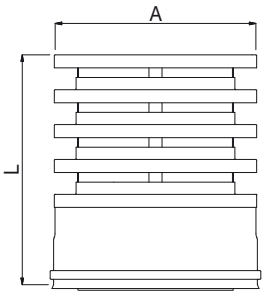



| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| R080CACO | 105,30 | 80 | 130 | 1 |
| R100CACO | 113,73 | 100 | 150 | 1 |
| R130CACO | 122,15 | 130 | 180 | 1 |
| R150CACO | 134,79 | 150 | 200 | 1 |
| R180CACO | 147,42 | 180 | 230 | 1 |
| R200CACO | 160,06 | 200 | 250 | 1 |
| R250CACO | 176,91 | 250 | 300 | 1 |
| R300CACO | 189,54 | 300 | 350 | 1 |
| R350CACO | 206,39 | 350 | 400 | 1 |

## CALM

### Terminale lamellare
*Lamellar ending part*
*Terminal lamellaire*

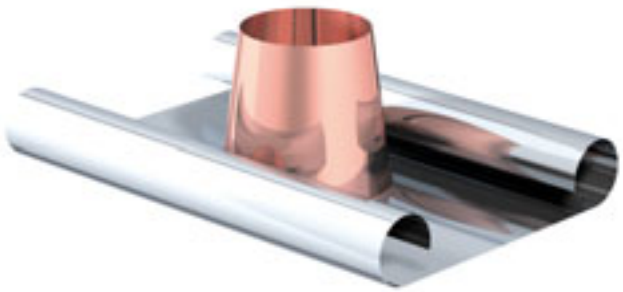





| codice<br>*code*<br>*code* | € | Ø | A | L | N. Lamelle | |
|---|---|---|---|---|---|---|
| R080CALM | 61,24 | 80/130 | 130 | 180 | 3 | 1 |
| R100CALM | 73,88 | 100/150 | 150 | 215 | 4 | 1 |
| R130CALM | 93,67 | 130/180 | 180 | 220 | 4 | 1 |
| R150CALM | 99,42 | 150/200 | 200 | 230 | 4 | 1 |
| R180CALM | 146,32 | 180/230 | 230 | 270 | 5 | 1 |
| R200CALM | 154,03 | 200/250 | 250 | 270 | 5 | 1 |
| R250CALM | 200,79 | 250/300 | 300 | 310 | 6 | 1 |
| R300CALM | 285,87 | 300/350 | 350 | 350 | 7 | 1 |

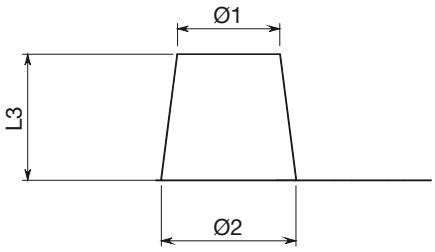
# FP23/24

## Faldale per tetti piani in rame
*Copper flashing for flat roofs*
*Solin en cuivre pour toits plats*



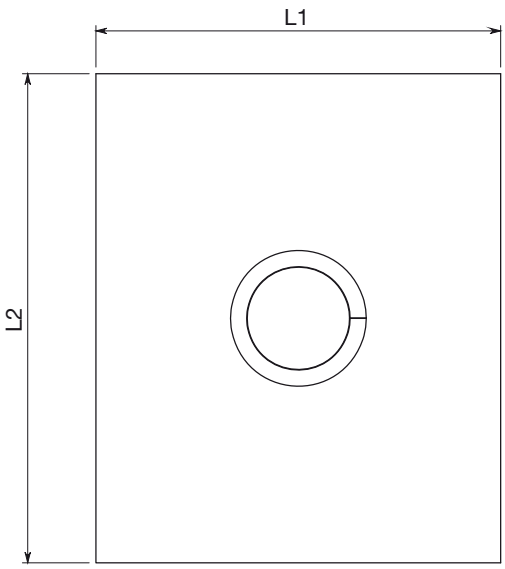
*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice *code code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| R130FP23 | 66,73 | 130 | 150 | 300 | 450 | 130 | 1 |
| R150FP23 | 71,94 | 150 | 170 | 340 | 550 | 160 | 1 |
| R180FP23 | 95,55 | 180 | 200 | 370 | 650 | 170 | 1 |
| R200FP23 | 102,91 | 200 | 220 | 400 | 650 | 200 | 1 |
| R230FP23 | 118,00 | 230 | 250 | 420 | 650 | 200 | 1 |
| R250FP23 | 126,79 | 250 | 270 | 430 | 650 | 200 | 1 |
| R300FP23 | 130,20 | 300 | 320 | 500 | 750 | 230 | 1 |
| R350FP23 | 135,00 | 350 | 370 | 530 | 750 | 260 | 1 |
| R400FP23 | 221,13 | 400 | 420 | 560 | 800 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice *code code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| R130FP24 | 229,65 | 130 | 150 | 500 | 700 | 1 |
| R150FP24 | 256,00 | 150 | 170 | 700 | 1000 | 1 |
| R180FP24 | 260,00 | 180 | 200 | 700 | 1000 | 1 |
| R200FP24 | 264,00 | 200 | 220 | 800 | 1000 | 1 |
| R230FP24 | 300,00 | 230 | 250 | 800 | 1000 | 1 |
| R250FP24 | 308,00 | 250 | 270 | 800 | 1000 | 1 |
| R300FP24 | 380,00 | 300 | 320 | 1000 | 1000 | 1 |
| R350FP24 | 392,00 | 350 | 370 | 1000 | 1000 | 1 |

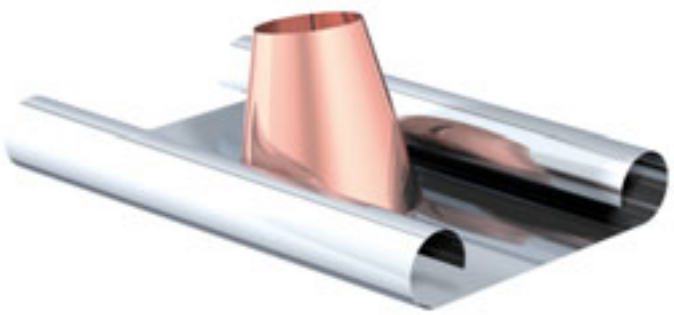


# FI20/21

## Faldale per tetti inclinati 10-35° in rame

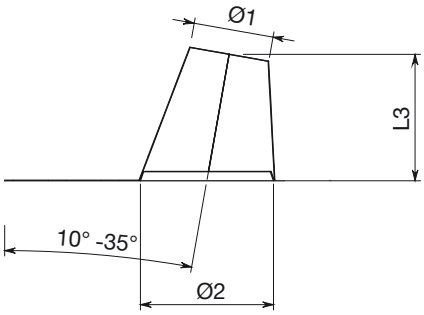
*Copper flashing for sloped roofs from 10° to 35°*

*Solin en cuivre pour toits inclinés de 10° à 35°*



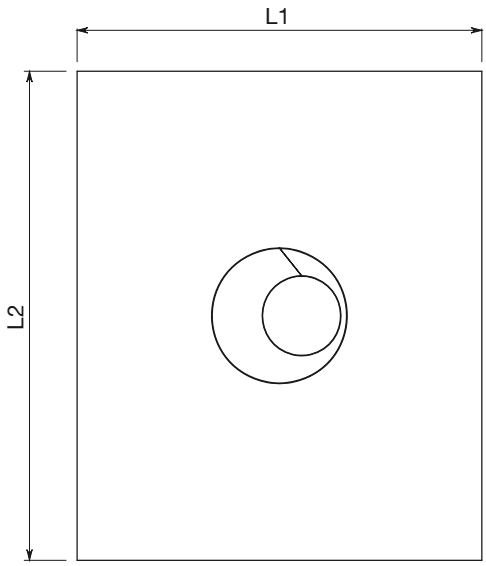
*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| R130FI20 | 63,01 | 130 | 150 | 300 | 450 | 150 | 1 |
| R150FI20 | 69,21 | 150 | 170 | 340 | 550 | 160 | 1 |
| R180FI20 | 83,02 | 180 | 200 | 370 | 650 | 170 | 1 |
| R200FI20 | 95,62 | 200 | 220 | 400 | 650 | 200 | 1 |
| R230FI20 | 109,23 | 230 | 250 | 420 | 650 | 200 | 1 |
| R250FI20 | 114,02 | 250 | 270 | 430 | 650 | 200 | 1 |
| R300FI20 | 117,85 | 300 | 320 | 500 | 750 | 230 | 1 |
| R350FI20 | 128,72 | 350 | 370 | 530 | 750 | 260 | 1 |
| R400FI20 | 218,86 | 400 | 420 | 560 | 800 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| R130FI21 | 229,65 | 130 | 150 | 500 | 700 | 1 |
| R150FI21 | 256,00 | 150 | 170 | 700 | 1000 | 1 |
| R180FI21 | 260,00 | 180 | 200 | 700 | 1000 | 1 |
| R200FI21 | 264,00 | 200 | 220 | 800 | 1000 | 1 |
| R230FI21 | 300,00 | 230 | 250 | 800 | 1000 | 1 |
| R250FI21 | 308,00 | 250 | 270 | 800 | 1000 | 1 |
| R300FI21 | 380,00 | 300 | 320 | 1000 | 1000 | 1 |
| R350FI21 | 392,00 | 350 | 370 | 1000 | 1000 | 1 |
| R400FI21 | 502,20 | 400 | 420 | 1000 | 1000 | 1 |



## FI30

## Faldale con base in gomma per tetti inclinati da 5° a 32°

*Flashing with rubber base for sloped roofs from 5° to 32°*

*Solin avec base en gomme pour toits inclinés de 5° à 32°*

| codice<br>*code*<br>*code* | € | Ø1 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| J130FI30 | 97,94 | 130 | 560 | 688 | 150 | 1 |
| J150FI30 | 108,44 | 150 | 560 | 715 | 160 | 1 |
| J180FI30 | 140,98 | 180 | 625 | 1006 | 170 | 1 |
| J200FI30 | 144,69 | 200 | 625 | 1006 | 200 | 1 |
| J230FI30 | 167,05 | 230 | 688 | 1006 | 200 | 1 |
| J250FI30 | 174,37 | 250 | 715 | 1006 | 200 | 1 |
| J300FI30 | 181,79 | 300 | 715 | 1006 | 230 | 1 |
| J350FI30 | 196,63 | 350 | 800 | 1006 | 260 | 1 |
| J400FI30 | 211,47 | 400 | 800 | 1006 | 260 | 1 |

Apros è sempre attenta ai nuovi materiali che consentono un'installazione rapida, sicura e duratura nel tempo.
Vi presentiamo il nuovo faldale in gomma extra-flex, con base adesiva, molto malleabile e adattabile ad ogni tipologia di tetto inclinato da 5° a 32°.

*Apros is always attentive to new materials, that allow a quick, safe and lasting installation.*
*We introduce you the new flashing in extra-flex rubber, with adhesive base, which is very malleable and adaptable to any type of sloped roof from 5° to 32°.*

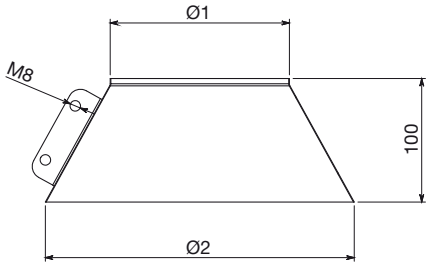
*APROS est toujours attentive aux nouveaux matériaux qui permettent une installation rapide, sûre et durable.*
*Nous présentons le nouveau solin supplémentaires en extra-flex gomme, avec base adhésive, qui est très malléable et adaptable à chaque typologie de toit en pente de 5° à 32°.*

## SS22

## Scossalina

*Collar*

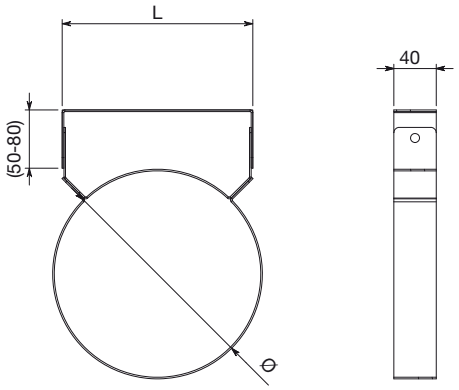
*Collerette de solin*




| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| R130SS22 | 24,95 | 130 | 230 | 1 |
| R150SS22 | 26,73 | 150 | 250 | 1 |
| R180SS22 | 35,30 | 180 | 280 | 1 |
| R200SS22 | 35,30 | 200 | 300 | 1 |
| R230SS22 | 39,89 | 230 | 330 | 1 |
| R250SS22 | 44,13 | 250 | 350 | 1 |
| R300SS22 | 49,29 | 300 | 400 | 1 |
| R350SS22 | 84,32 | 350 | 450 | 1 |
| R400SS22 | 120,55 | 400 | 600 | 1 |

## FM14

### Fascetta murale
*Wall clamp*
*Collier mural*

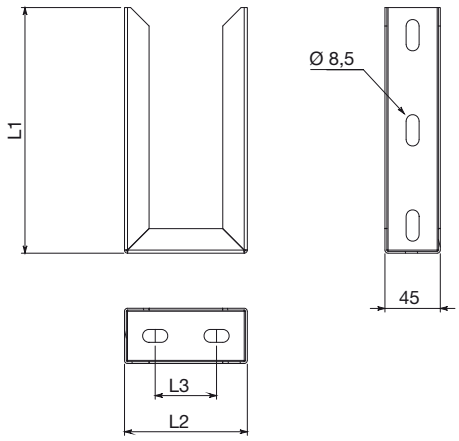



| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| R130FM14 | 23,79 | 130 | 130 | 1 |
| R150FM14 | 25,17 | 150 | 145 | 1 |
| R180FM14 | 31,00 | 180 | 165 | 1 |
| R200FM14 | 32,86 | 200 | 180 | 1 |
| R230FM14 | 37,07 | 230 | 200 | 1 |
| R250FM14 | 38,02 | 250 | 220 | 1 |
| R300FM14 | 45,60 | 300 | 250 | 1 |
| R350FM14 | 52,34 | 350 | 290 | 1 |
| R400FM14 | 61,19 | 400 | 350 | 1 |

## PSFP

### Prolunga per fissaggio staffa
*Extension mounting bracket*
*Extension du support de montage*

**Fino ad esaurimento - *While stocks last - jusqu'à épuisement***




| codice<br>*code*<br>*code* | € | Ø | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| R130PSFP | 35,10 | 130 | 200 | 130 | 70 | 1 |
| R150PSFP | 36,51 | 150 | 200 | 145 | 85 | 1 |
| R180PSFP | 37,91 | 180 | 200 | 165 | 120 | 1 |
| R230PSFP | 40,72 | 230 | 200 | 200 | 160 | 1 |
| R250PSFP | 42,12 | 250 | 200 | 220 | 180 | 1 |
| R300PSFP | 43,53 | 300 | 200 | 250 | 200 | 1 |
| R400PSFP | 49,14 | 400 | 200 | 350 | 280 | 1 |

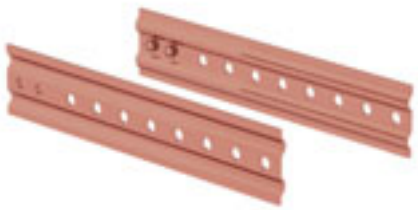
**N.B.** Tutte le prolunghe per fissaggio staffa sono verniciate color rame brunito.

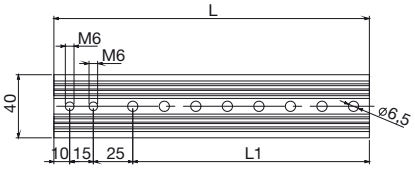
*All extension mounting brackets are painted in burnished copper color.*

*Toutes les extensions du support de montage sont peintes de couleur cuivre bruni.*

## PSF1/2

### Prolunga per fissaggio staffa
*Extension mounting bracket*
*Extension du support de montage*

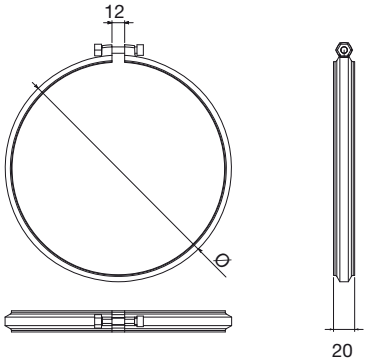





| codice<br>*code*<br>*code* | € | L1 | |
|---|---|---|---|
| RUNVPSF1 | 15,60 | 100 | 1 |
| RUNVPSF2 | 19,50 | 200 | 1 |

## FB19

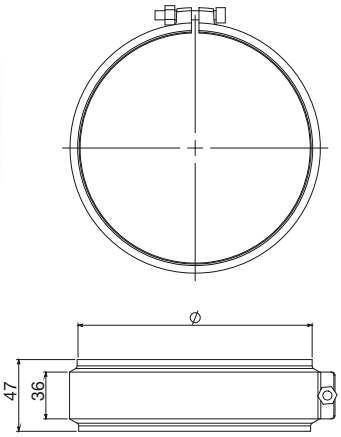
### Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| R130FB19 | 5,90 | 130 | 1 |
| R150FB19 | 6,07 | 150 | 1 |
| R180FB19 | 6,20 | 180 | 1 |
| R200FB19 | 7,31 | 200 | 1 |
| R230FB19 | 7,87 | 230 | 1 |
| R250FB19 | 7,94 | 250 | 1 |
| R300FB19 | 8,57 | 300 | 1 |
| R350FB19 | 11,38 | 350 | 1 |
| R400FB19 | 12,81 | 400 | 1 |

## FB36

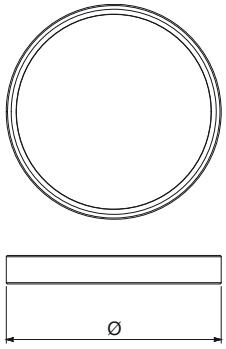
### Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| R130FB36 | 9,32 | 130 | 1 |
| R150FB36 | 9,58 | 150 | 1 |
| R180FB36 | 9,91 | 180 | 1 |
| R200FB36 | 10,53 | 200 | 1 |
| R230FB36 | 11,20 | 230 | 1 |
| R250FB36 | 11,76 | 250 | 1 |
| R300FB36 | 12,57 | 300 | 1 |
| R350FB36 | 15,26 | 350 | 1 |
| R400FB36 | 16,49 | 400 | 1 |

## GUAR

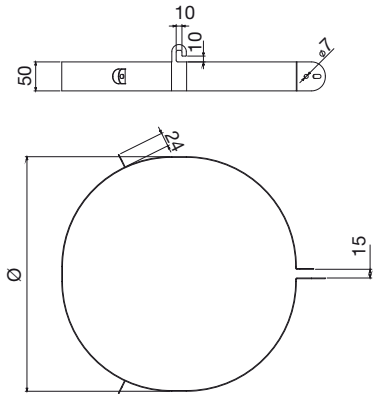
### Guarnizione al silicone nero
*Black silicone gasket*
*Joint au silicone noir*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080GUAR | 0,88 | 80 | 1 |
| I100GUAR | 1,21 | 100 | 1 |
| I130GUAR | 1,81 | 130 | 1 |
| I150GUAR | 2,33 | 150 | 1 |
| I180GUAR | 2,80 | 180 | 1 |
| I200GUAR | 3,57 | 200 | 1 |
| I230GUAR | 5,46 | 230 | 1 |
| I250GUAR | 6,03 | 250 | 1 |
| I300GUAR | 6,57 | 300 | 1 |
| I350GUAR | 7,34 | 350 | 1 |
| I400GUAR | 8,75 | 400 | 1 |

## CT25

## Fascia cavi tiranti e discesa
*Clamp for tie cables and descent*
*Collier pour hauban et de descente*




**N.B.** Tutte le fasce cavi tiranti e discesa sono verniciate color rame brunito.

*All clamps for tie cables and descent are painted in burnished copper color.*

*Tous les colliers pour hauban et de descente sont peintes de couleur cuivre bruni.*

| codice *code code* | € | Ø | |
|---|---|---|---|
| R130CT25 | 46,06 | 130 | 1 |
| R150CT25 | 46,06 | 150 | 1 |
| R180CT25 | 54,43 | 180 | 1 |
| R200CT25 | 54,43 | 200 | 1 |
| R230CT25 | 54,43 | 230 | 1 |
| R250CT25 | 54,43 | 250 | 1 |
| R300CT25 | 54,43 | 300 | 1 |
| R350CT25 | 71,34 | 350 | 1 |
| R400CT25 | 93,26 | 400 | 1 |

## PIRO

## Pirometro
*Pyrometer*
*Pyromètre*

| codice *code code* | € | |
|---|---|---|
| IUNVPIRO | 13,39 | 1 |

## COPP

## Coppelle
*Thermal insulation*
*Isolation thermique*

Coppelle in lana di roccia
per canne fumarie densità 90Kg/mc

*Rock wool insulation*
*for flue pipe density 90 kg/M³*

*Copeaux de laine de roche*
*pour conduit de fumée densité 90 kg/M³*

| codice *code code* | € | Ø | SP. | H |
|---|---|---|---|---|
| I080COPP | 6,23 | 80 | 25 | 950 |
| I100COPP | 7,41 | 100 | 25 | 950 |
| I120COPP | 8,60 | 120 | 25 | 950 |
| I130COPP | 9,19 | 130 | 25 | 950 |
| I140COPP | 9,77 | 140 | 25 | 950 |
| I150COPP | 10,38 | 150 | 25 | 950 |
| I160COPP | 10,97 | 160 | 25 | 950 |
| I180COPP | 12,15 | 180 | 25 | 950 |
| I200COPP | 13,34 | 200 | 25 | 950 |
| I250COPP | 16,29 | 250 | 25 | 950 |
| I300COPP | 18,53 | 300 | 25 | 950 |
| I350COPP | 22,22 | 350 | 25 | 950 |
| I400COPP | 25,19 | 400 | 25 | 950 |

| codice *code code* | € | Ø | SP. | H |
|---|---|---|---|---|
| I080COPA | 10,46 | 80 | 25 | 950 |
| I100COPA | 11,85 | 100 | 25 | 950 |
| I120COPA | 13,23 | 120 | 25 | 950 |
| I130COPA | 13,96 | 130 | 25 | 950 |
| I140COPA | 14,65 | 140 | 25 | 950 |
| I150COPA | 15,35 | 150 | 25 | 950 |
| I180COPA | 17,69 | 180 | 25 | 950 |
| I200COPA | 19,27 | 200 | 25 | 950 |
| I250COPA | 23,30 | 250 | 25 | 950 |
| I300COPA | 27,32 | 300 | 25 | 950 |
| I350COPA | 31,28 | 350 | 25 | 950 |
| I400COPA | 35,34 | 400 | 25 | 950 |

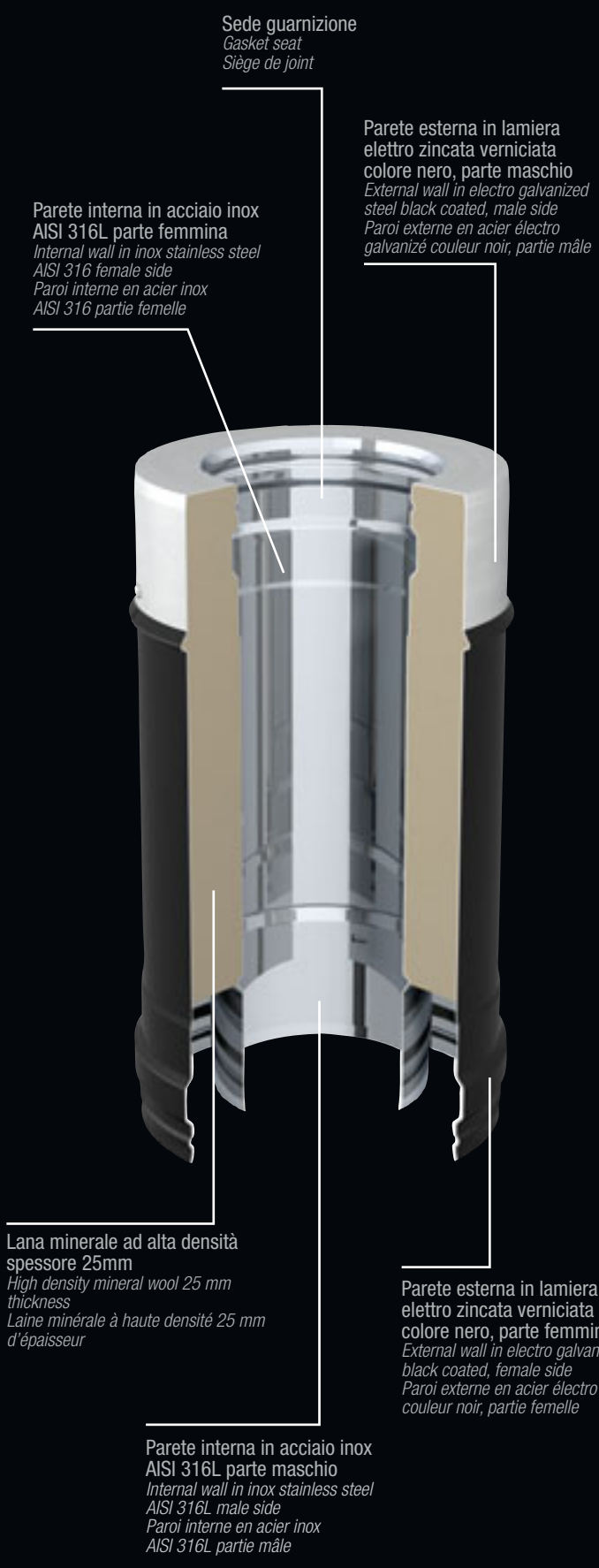
con Alluminio
with Alluminium
avec Alluminium

La tecnologia gioca con il colore

# Dynamic **Two colore nero**

kiwa
FPC
CE
EN 1856-1: 2009
No. 0063-CPD-52976/4

# Acciaio inox doppia parete AISI 316L interno e Lamiera elettro zincata esterno verniciata colore nero


Sede guarnizione
Gasket seat
Siège de joint
Parete esterna in lamiera elettro zincata verniciata colore nero, parte maschio
External wall in electro galvanized steel black coated, male side
Paroi externe en acier électro galvanizé couleur noir, partie mâle
Parete interna in acciaio inox AISI 316L parte femmina
Internal wall in inox stainless steel AISI 316 female side
Paroi interne en acier inox AISI 316 partie femelle
Lana minerale ad alta densità spessore 25mm
High density mineral wool 25 mm thickness
Laine minérale à haute densité 25 mm d'épaisseur
Parete esterna in lamiera elettro zincata verniciata colore nero, parte femmina
External wall in electro galvanized steel black coated, female side
Paroi externe en acier électro galvanizé couleur noir, partie femelle
Parete interna in acciaio inox AISI 316L parte maschio
Internal wall in inox stainless steel AISI 316L male side
Paroi interne en acier inox AISI 316L partie mâle

**Applicazioni:**
Evacuazione fumi per funzionamento a secco o a umido in pressione P1 (con guarnizione) e N1 (senza guarnizione)
Evacuazione dei prodotti di ventilazione

**Caratteristiche tecniche:**
Parete interna in Acciaio inox AISI 316 L spessore 0,5 mm
Parete esterna in lamiera elettro zincata spessore 0,6 mm
Verniciatura a polvere colore nero
Coibentazione con lana di roccia spessore 25 mm. La lana di roccia è insufflata tra le due pareti con un procedimento automatico per garantire sempre una densità media di 180kg/m³.
Alle estremità del tubo vengono posti degli anelli di chiusura
Disponibile nei diametri: 80/130 - 100/150 - 130/180 - 150/200 – 180/230 – 200/250 – 250/300 – 300/350 -350/400
Saldatura longitudinale al laser
Tutte le curve sono saldate con il nuovo sistema al TIG automatizzato
Imbocco con particolare sistema "click-clack": questo sistema viene applicato dal diam. 80 al diam. 150 compreso
Guarnizione siliconica nera a triplo labbro che assicura una ottima tenuta tra le due giunzioni (su richiesta)

**Accessori:**
Fascetta di bloccaggio consigliata e fornita su richiesta.

**Temperatura di esercizio:**
Max 200°: con guarnizione siliconica nera (pressione P1 – 200 Pa).
Max 600°: senza guarnizione siliconica (pressione N1 – 40 Pa).

**Certificazione:**
*CE (EN 1856-1)*

**Designazione tecnica:**
T200-P1-W-V2-L50050-O30 sistema areato con elastomero di tenuta
T200-P1-W-V2-L50050-O00 sistema areato con elastomero di tenuta e singola lastra materiale coibentante
T600-N1-D-V2-L50050-O60 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-O50 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-O80 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante, passaggio a tetto
T600-N1-D-V2-L50050-G50 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-G40 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-G150 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante, passaggio a tetto
Certificato No. 0063-CPD-52976/4

# Stainless steel double wall internal AISI 316L and external electro galvanized steel black coated

***Applications:***
*Fumes discharge for dry and wet working conditions under pressure P1(with gasket) and N1 (without gasket)*
*Discharge of ventilation products*

***Technical features:***
*Internal wall in stainless steel AISI 316 L thickness 0,5 mm*
*External wall in electro galvanized steel sheet thickness 0,6 mm*
*Black powder coated*
*Insulation by rock wool thickness 25 mm. The rock wool is insufflated between the two walls through an automatic process to guarantee always a medium density 180 kg / m³. Closing rings are placed at the ends of the pipe.*
*Available diameters: 80/130 – 100/150 – 130/180 150/200 180/230 –200/250 – 250/300 – 300/350 - 350/400*
*Longitudinal welding by laser process*
*All bends are welded with the new system automated TIG*
*Connection with particular system "click-clack", this system is applied from diam. 80 to diam. 150 included*
*"Triple lip" black silicon gasket which assures a perfect tightness between the two hose couplings (on request)*

***Accessories:***
*Locking clamp, recommended and provided on request*

***Working temperature:***
*Max 200°: with black silicon gasket (pressure P1 – 200 Pa)*
*Max 600°: without silicon gasket (pressure N1 – 40 Pa)*

***Certification:***
*CE (EN 1856-1)*

***Technical specifications:***
*T200-P1-W-V2-L50050-O30 aired system with tightness elastomer*
*T200-P1-W-V2-L50050-O00 aired system with tightness elastomer and single layer insulation material*
*T600-N1-D-V2-L50050-O60 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-O50 aired system without tightness elastomer with double layer insulation material*
*T600-N1-D-V2-L50050-O80 aired system without tightness elastomer with double layer insulation material, passage roof*
*T600-N1-D-V2-L50050-G50 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-G40 not aired system without tightness elastomer, with double layer insulation material*
*T600-N1-D-V2-L50050-G150 not aired system without tightness elastomer, with double layer insulation material, passage roof*
*Certificate No. 0063-CPD-52976/4*

# Tuyaux inox double paroi, à l'intérieur AISI 316L et à l'extérieur acier électro galvanisé couleur noir

***Applications:***
*Evacuation des fumées pour fonctionnement à sec ou humide en pression P1 (avec joint) et N1 (sans joint)*
*Evacuation des produits de ventilation*

***Caractéristiques techniques:***
*Paroi interne acier inox AISI 316 L épaisseur 0,5 mm*
*Paroi externe acier électro galvanisé épaisseur 0,6 mm*
*Peinture en poudre couleur noir*
*Isolation par laine de roche épaisseur 25 mm. La laine de roche est soufflée entre les deux parois par un procédé automatique pour garantir toujours la densité moyenne de 180 kg / m³. Aux extrémités du tuyau il y a des bagues de clôture.*
*Diamètres disponibles: 80/130 – 100/150 – 130/180 150/200 – 180/230 – 200/250 – 250/300 – 300/350 - 350/400*
*Soudure longitudinale au laser*
*Toutes les coudes sont soudées par le nouveau système au TIG automatisé*
*Emboitement avec système particulier "click-clack", ce système est appliqué du diam. 80 au diam. 150 inclus*
*Joint en silicone noir à triple lèvre qui assure une bonne étanchéité entre les deux jonctions (sur requête)*

***Accessoires:***
*Collier de blocage recommandé et fourni sur demande*

***Température d'exercice:***
*Max 200°: avec joint noire au silicone (pression P1 – 200 Pa)*
*Max 600°: sans joint au silicone (pression N1 – 40 Pa)*

***Certification:***
*CE (EN 1856-1)*

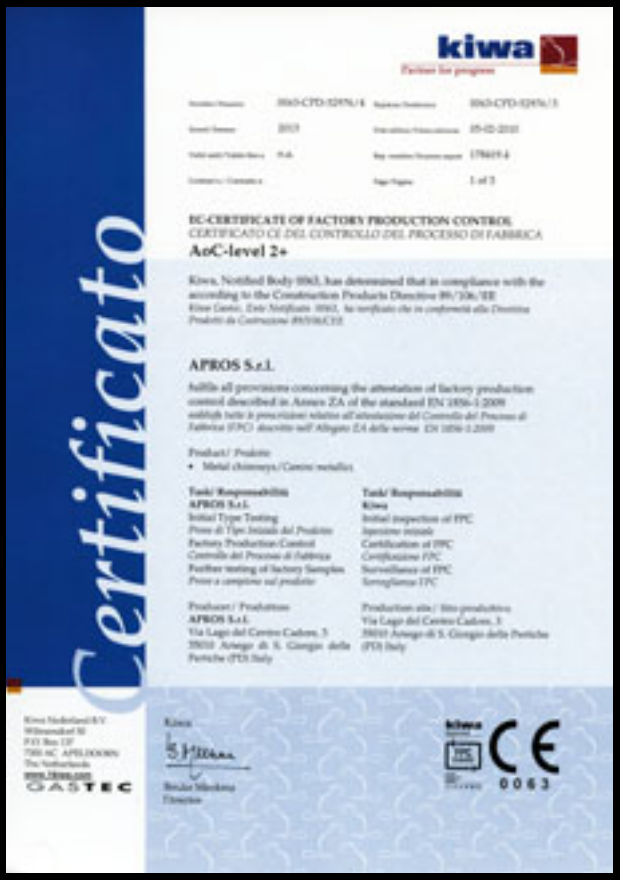
***Désignation technique:***
*T200-P1-W-V2-L50050-O30 système aéré avec élastomère d'étanchéité*
*T200-P1-W-V2-L50050-O00 système aéré avec élastomère d'étanchéité et simple feuille de matériel isolant*
*T600-N1-D-V2-L50050-O60 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-O50 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-O80 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant, passage au toit*
*T600-N1-D-V2-L50050-G50 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-G40 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-G150 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant, passage au toit*
*Certificat No. 0063-CPD-52976/4*

APROS

kiwa

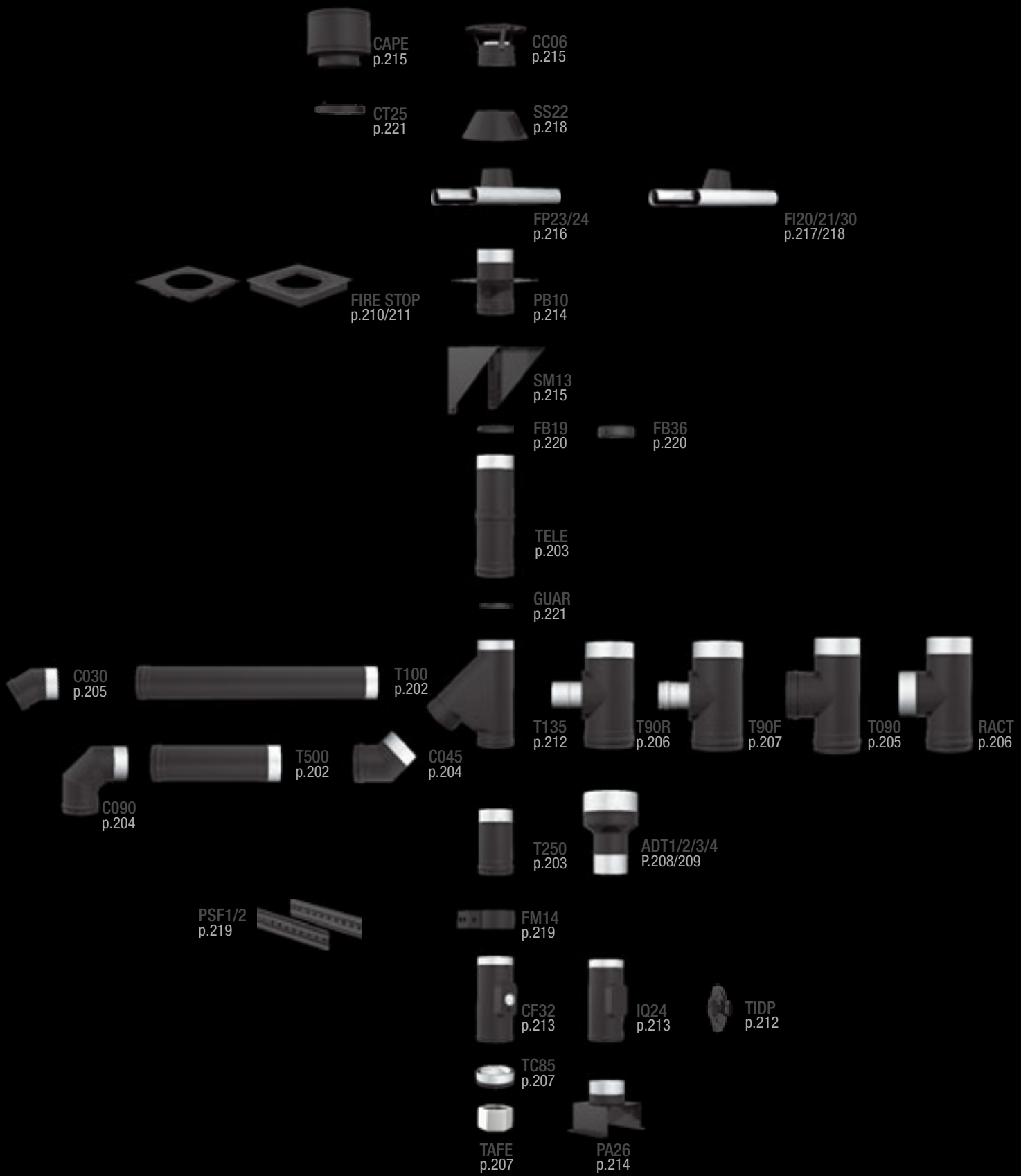
EN 1856-1: 2009
No. 0063-CPD-52976/4

kiwa
Partner for progress



Dynamic **Two Colore nero**
200

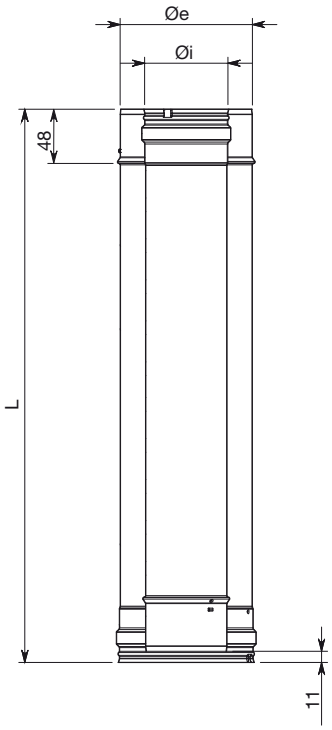
*Schéma de montage* *Assembling scheme* Schema di montaggio



## T100

# Elemento lineare T100

*Linear element T100*
*Elément droit T100*

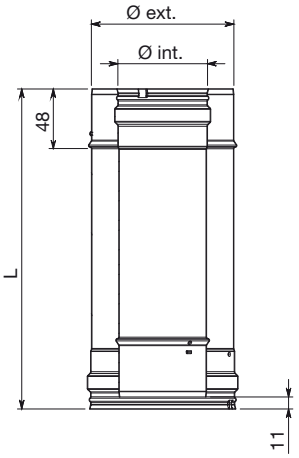



| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| PY080T100 | 95,14 | 80 | 130 | 995 | 1 |
| PY100T100 | 106,58 | 100 | 150 | 995 | 1 |
| PY130T100 | 119,32 | 130 | 180 | 995 | 1 |
| PY150T100 | 130,61 | 150 | 200 | 995 | 1 |
| PY180T100 | 151,28 | 180 | 230 | 995 | 1 |
| PY200T100 | 164,73 | 200 | 250 | 995 | 1 |
| PY250T100 | 194,25 | 250 | 300 | 995 | 1 |
| PY300T100 | 218,98 | 300 | 350 | 995 | 1 |
| PY350T100 | 242,67 | 350 | 400 | 995 | 1 |

## T500

# Elemento lineare T500

*Linear element T500*
*Elément droit T500*

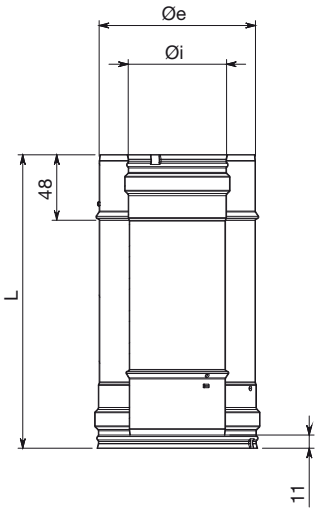



| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| PY080T500 | 70,37 | 80 | 130 | 495 | 1 |
| PY100T500 | 75,38 | 100 | 150 | 495 | 1 |
| PY130T500 | 85,51 | 130 | 180 | 495 | 1 |
| PY150T500 | 91,16 | 150 | 200 | 495 | 1 |
| PY180T500 | 105,62 | 180 | 230 | 495 | 1 |
| PY200T500 | 115,09 | 200 | 250 | 495 | 1 |
| PY250T500 | 136,60 | 250 | 300 | 495 | 1 |
| PY300T500 | 169,22 | 300 | 350 | 495 | 1 |
| PY350T500 | 211,85 | 350 | 400 | 495 | 1 |

## T250

### Elemento lineare T250

*Linear element T250*
*Elément droit T250*

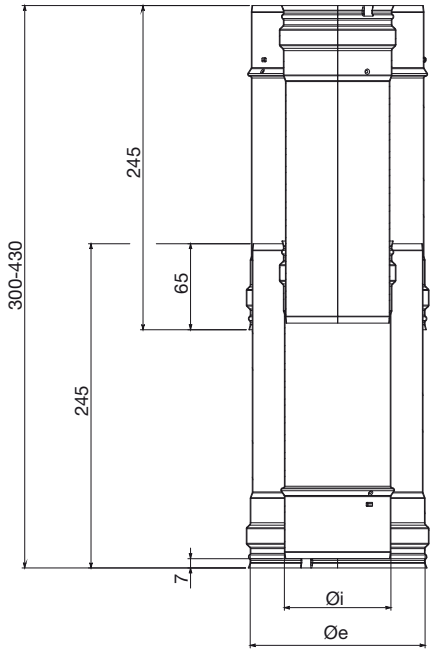



| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| PY080T250 | 55,89 | 80 | 130 | 245 | 1 |
| PY100T250 | 59,02 | 100 | 150 | 245 | 1 |
| PY130T250 | 65,33 | 130 | 180 | 245 | 1 |
| PY150T250 | 68,80 | 150 | 200 | 245 | 1 |
| PY180T250 | 77,89 | 180 | 230 | 245 | 1 |
| PY200T250 | 89,65 | 200 | 250 | 245 | 1 |
| PY250T250 | 95,76 | 250 | 300 | 245 | 1 |
| PY300T250 | 118,90 | 300 | 350 | 245 | 1 |
| PY350T250 | 164,32 | 350 | 400 | 245 | 1 |

## TELE

### Elemento telescopico

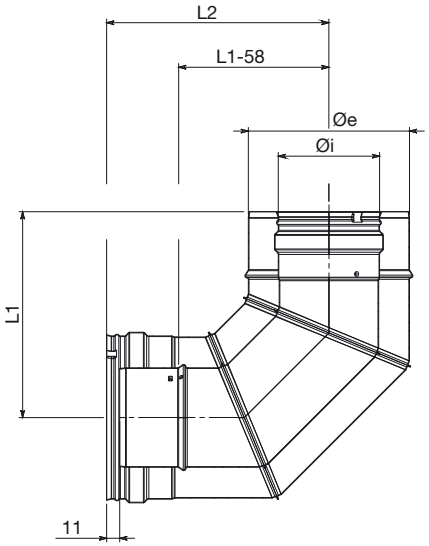
*Telescopic element*
*Elément télescopique*



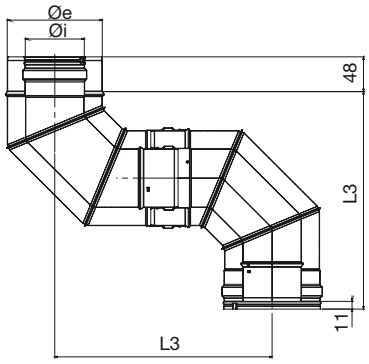

| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| PY080TELE | 121,60 | 80 | 130 | 1 |
| PY100TELE | 131,91 | 100 | 150 | 1 |
| PY130TELE | 150,40 | 130 | 180 | 1 |
| PY150TELE | 162,04 | 150 | 200 | 1 |
| PY180TELE | 189,00 | 180 | 230 | 1 |
| PY200TELE | 214,38 | 200 | 250 | 1 |
| PY250TELE | 235,76 | 250 | 300 | 1 |
| PY300TELE | 279,99 | 300 | 350 | 1 |
| PY350TELE | 350,61 | 350 | 400 | 1 |

## C090

## Curva a 90°
*Bend 90°*
*Coude 90°*

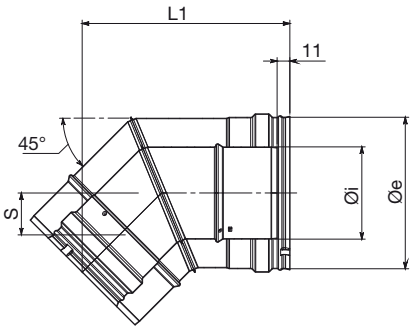


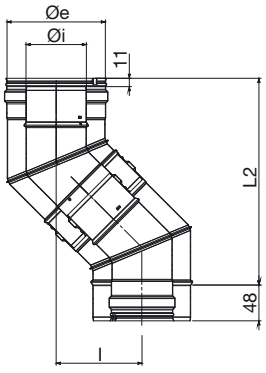

| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| PY080C090 | 112,45 | 80 | 130 | 166 | 180 | 299 | 1 |
| PY100C090 | 121,91 | 100 | 150 | 176 | 190 | 318 | 1 |
| PY130C090 | 150,88 | 130 | 180 | 193 | 205 | 351 | 1 |
| PY150C090 | 163,08 | 150 | 200 | 201 | 215 | 369 | 1 |
| PY180C090 | 184,02 | 180 | 230 | 216 | 230 | 399 | 1 |
| PY200C090 | 188,26 | 200 | 250 | 226 | 240 | 419 | 1 |
| PY250C090 | 227,68 | 250 | 300 | 251 | 265 | 469 | 1 |
| PY300C090 | 252,74 | 300 | 350 | 276 | 290 | 519 | 1 |
| PY350C090 | 347,40 | 350 | 400 | 301 | 315 | 569 | 1 |




## C045

## Curva a 45°
*Bend 45°*
*Coude 45°*



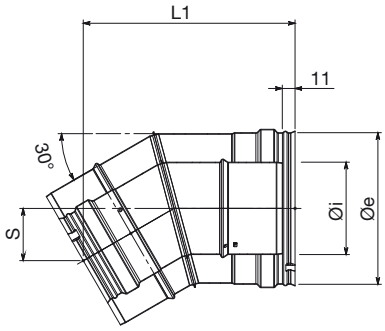



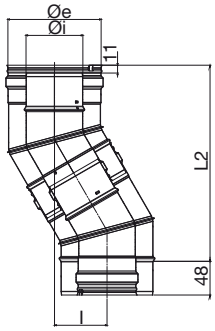

| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| PY080C045 | 71,94 | 80 | 130 | 181 | 266 | 32 | 123 | 1 |
| PY100C045 | 76,95 | 100 | 150 | 187 | 280 | 35 | 130 | 1 |
| PY130C045 | 87,60 | 130 | 180 | 201 | 307 | 40 | 141 | 1 |
| PY150C045 | 95,88 | 150 | 200 | 206 | 317 | 42 | 145 | 1 |
| PY180C045 | 111,63 | 180 | 230 | 216 | 338 | 47 | 154 | 1 |
| PY200C045 | 125,91 | 200 | 250 | 226 | 351 | 49 | 159 | 1 |
| PY250C045 | 153,35 | 250 | 300 | 241 | 380 | 57 | 165 | 1 |
| PY300C045 | 194,15 | 300 | 350 | 259 | 417 | 64 | 180 | 1 |
| PY350C045 | 230,94 | 350 | 400 | 276 | 451 | 72 | 194 | 1 |

## C030

# Curva a 30°

*Bend 30°*
*Coude 30°*



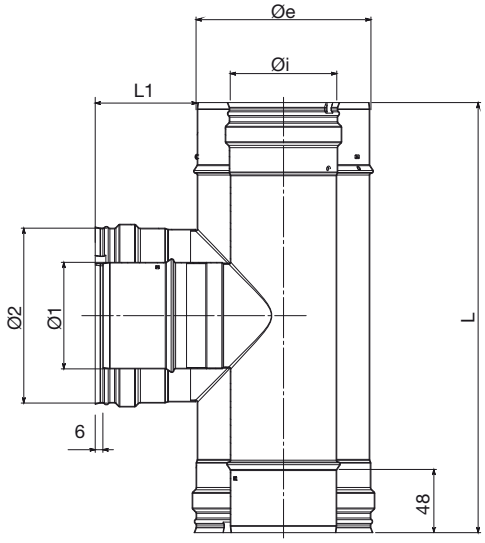

| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| PY080C030 | 71,94 | 80 | 130 | 185 | 277 | 50 | 74 | 1 |
| PY100C030 | 76,95 | 100 | 150 | 190 | 287 | 55 | 76 | 1 |
| PY130C030 | 90,34 | 130 | 180 | 195 | 301 | 55 | 80 | 1 |
| PY150C030 | 95,88 | 150 | 200 | 200 | 312 | 60 | 83 | 1 |
| PY180C030 | 111,63 | 180 | 230 | 208 | 326 | 60 | 87 | 1 |
| PY200C030 | 125,91 | 200 | 250 | 213 | 336 | 65 | 96 | 1 |
| PY250C030 | 153,35 | 250 | 300 | 225 | 361 | 65 | 96 | 1 |
| PY300C030 | 194,15 | 300 | 350 | 240 | 386 | 70 | 103 | 1 |
| PY350C030 | 230,94 | 350 | 400 | 250 | 412 | 70 | 110 | 1 |

**N.B.** Saldature a rullo solo per la serie C030

## T090

# Raccordo a T 90° (stacco maschio)

*T 90° Pipe fitting (male coupler)*
*Raccord en T 90° (coupleur mâle)*

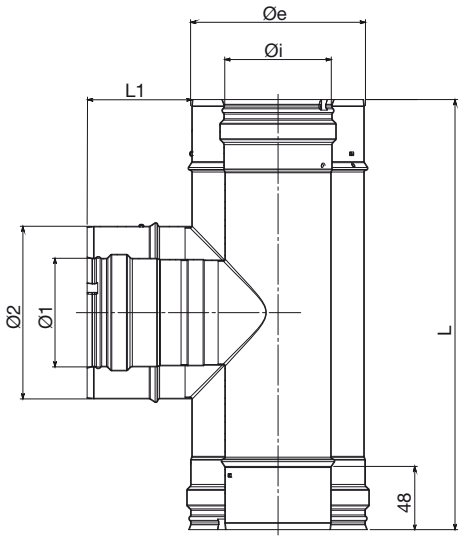



| codice<br>*code*<br>*code* | € | Øi | Øe | $Ø_1/Ø_2$ | L1 | L | |
|---|---|---|---|---|---|---|---|
| PY080T090 | 137,56 | 80 | 130 | 80/130 | 77 | 325 | 1 |
| PY100T090 | 147,35 | 100 | 150 | 100/150 | 77 | 325 | 1 |
| PY130T090 | 160,09 | 130 | 180 | 130/180 | 77 | 325 | 1 |
| PY150T090 | 171,73 | 150 | 200 | 150/200 | 77 | 495 | 1 |
| PY180T090 | 190,82 | 180 | 230 | 180/230 | 77 | 495 | 1 |
| PY200T090 | 198,81 | 200 | 250 | 200/250 | 77 | 495 | 1 |
| PY250T090 | 256,34 | 250 | 300 | 250/300 | 77 | 495 | 1 |
| PY300T090 | 341,26 | 300 | 350 | 300/350 | 77 | 495 | 1 |
| PY350T090 | 508,67 | 350 | 400 | 350/400 | 77 | 545 | 1 |

## RACT

### Raccordo a T 90° F/F (stacco femmina)

*T 90°Pipe fitting F/F (female coupler)*
*Raccord en T 90° F/F (coupleur femelle)*

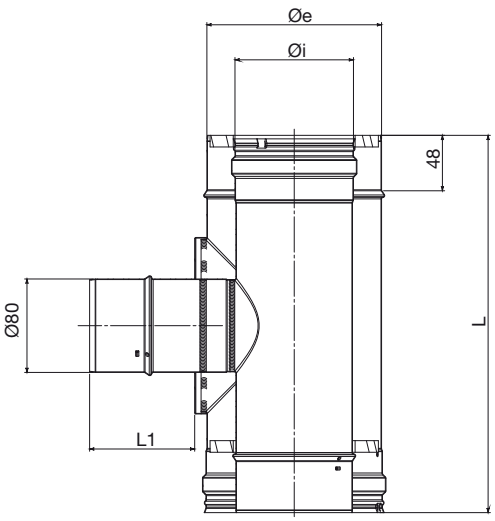



| codice<br>*code*<br>*code* | € | Øi | Øe | Ø1/Ø2 | L1 | L | |
|---|---|---|---|---|---|---|---|
| PY080RACT | 137,56 | 80 | 130 | 80/130 | 80 | 325 | 1 |
| PY100RACT | 147,35 | 100 | 150 | 100/150 | 80 | 325 | 1 |
| PY130RACT | 160,09 | 130 | 180 | 130/180 | 80 | 325 | 1 |
| PY150RACT | 171,73 | 150 | 200 | 150/200 | 80 | 495 | 1 |
| PY180RACT | 190,82 | 180 | 230 | 180/230 | 80 | 495 | 1 |
| PY200RACT | 198,81 | 200 | 250 | 200/250 | 80 | 495 | 1 |
| PY250RACT | 256,34 | 250 | 300 | 250/300 | 80 | 495 | 1 |
| PY300RACT | 341,26 | 300 | 350 | 300/350 | 80 | 495 | 1 |
| PY350RACT | 508,67 | 350 | 400 | 350/400 | 80 | 545 | 1 |

## T90R

### Raccordo a T 90° ridotto Ø 80 (stacco maschio)

*T 90° Reduced pipe fitting Ø 80 (male coupler)*
*Raccord réduit en T 90° Ø 80 (coupleur mâle)*

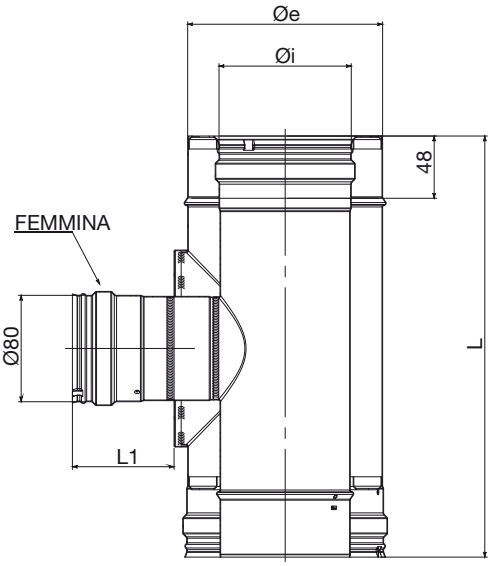



| codice<br>*code*<br>*code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| PY100T90R | 117,23 | 100 | 150 | 325 | 91 | 1 |
| PY130T90R | 136,85 | 130 | 180 | 325 | 91 | 1 |
| PY150T90R | 143,39 | 150 | 200 | 495 | 91 | 1 |
| PY180T90R | 165,78 | 180 | 230 | 495 | 91 | 1 |
| PY200T90R | 192,61 | 200 | 250 | 495 | 91 | 1 |
| PY250T90R | 227,06 | 250 | 300 | 495 | 91 | 1 |
| PY300T90R | 307,54 | 300 | 350 | 495 | 91 | 1 |
| PY350T90R | 338,10 | 350 | 400 | 545 | 91 | 1 |

## T90F

### Raccordo a T 90° ridotto Ø 80 (stacco femmina)

*T 90° Reduced pipe fitting Ø 80 (female coupler)*
*Raccord réduit en T 90° Ø 80 (coupleur femelle)*

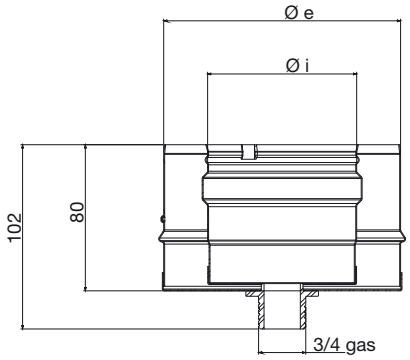



| codice *code code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| PY100T90F | 117,23 | 100 | 150 | 325 | 91 | 1 |
| PY130T90F | 136,85 | 130 | 180 | 325 | 91 | 1 |
| PY150T90F | 143,39 | 150 | 200 | 495 | 91 | 1 |
| PY180T90F | 165,78 | 180 | 230 | 495 | 91 | 1 |
| PY200T90F | 192,61 | 200 | 250 | 495 | 91 | 1 |
| PY250T90F | 227,06 | 250 | 300 | 495 | 91 | 1 |
| PY300T90F | 307,54 | 300 | 350 | 495 | 91 | 1 |
| PY350T90F | 338,10 | 350 | 400 | 545 | 91 | 1 |

## TC85

### Tappo raccogli condensa

*Collecting condensate plug*
*Bouchon de récupére condensation*

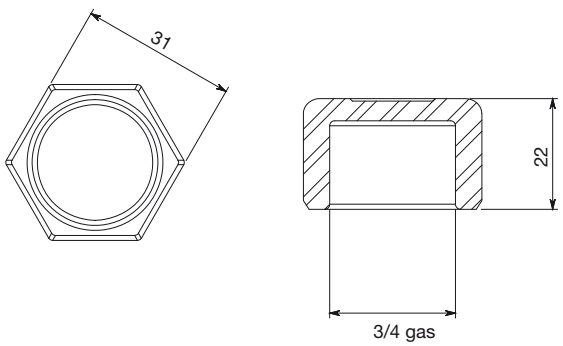



| codice *code code* | € | Øi | Øe | |
|---|---|---|---|---|
| PY080TC85 | 60,26 | 80 | 130 | 1 |
| PY100TC85 | 64,95 | 100 | 150 | 1 |
| PY130TC85 | 69,15 | 130 | 180 | 1 |
| PY150TC85 | 70,70 | 150 | 200 | 1 |
| PY180TC85 | 73,00 | 180 | 230 | 1 |
| PY200TC85 | 74,46 | 200 | 250 | 1 |
| PY250TC85 | 82,29 | 250 | 300 | 1 |
| PY300TC85 | 88,52 | 300 | 350 | 1 |
| PY350TC85 | 103,03 | 350 | 400 | 1 |

## TAFE

### Tappo femmina AISI 316 3/4 gas

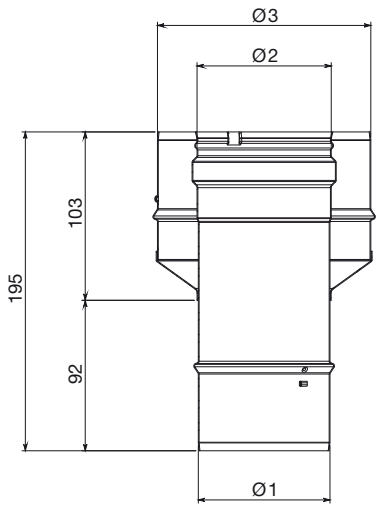
*Female plug AISI 316 3/4 gas*
*Bouchon femelle AISI 316 3/4 gas*




| codice *code code* | € | |
|---|---|---|
| IUNVTAFE | 5,78 | 1 |

## ADT1

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

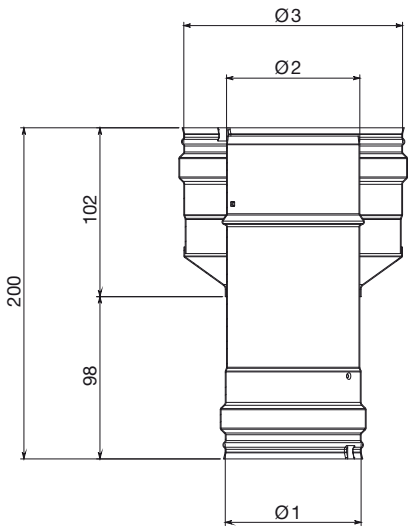



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| PY080ADT1 | 47,22 | 80 M | 80F | 130M | 1 |
| PY100ADT1 | 52,16 | 100M | 100F | 150M | 1 |
| PY130ADT1 | 55,13 | 130M | 130F | 180M | 1 |
| PY150ADT1 | 62,31 | 150M | 150F | 200M | 1 |
| PY180ADT1 | 70,89 | 180M | 180F | 230M | 1 |
| PY200ADT1 | 81,51 | 200M | 200F | 250M | 1 |
| PY250ADT1 | 103,36 | 250M | 250F | 300M | 1 |
| PY300ADT1 | 127,03 | 300M | 300F | 350M | 1 |
| PY350ADT1 | 135,37 | 350M | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT2

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

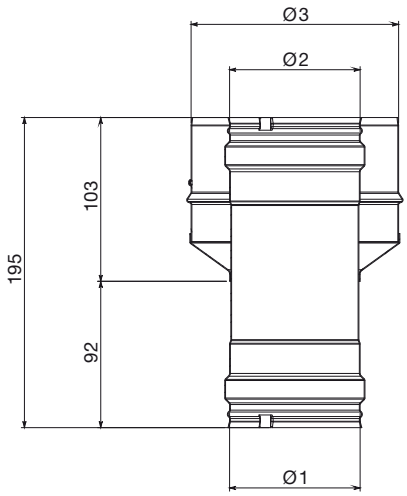



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| PY080ADT2 | 47,22 | 80F | 80M | 130F | 1 |
| PY100ADT2 | 52,16 | 100F | 100M | 150F | 1 |
| PY130ADT2 | 55,13 | 130F | 130M | 180F | 1 |
| PY150ADT2 | 62,31 | 150F | 150M | 200F | 1 |
| PY180ADT2 | 70,89 | 180F | 180M | 230F | 1 |
| PY200ADT2 | 81,51 | 200F | 200M | 250F | 1 |
| PY250ADT2 | 103,36 | 250F | 250M | 300F | 1 |
| PY300ADT2 | 127,03 | 300F | 300M | 350F | 1 |
| PY350ADT2 | 135,37 | 350F | 350M | 400F | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT3

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

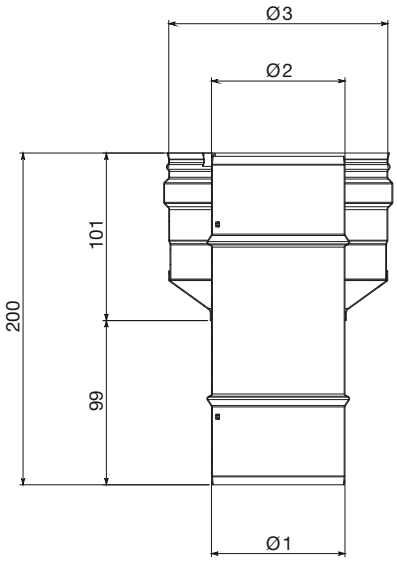



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| PY080ADT3 | 47,22 | 80F | 80F | 130M | 1 |
| PY100ADT3 | 52,16 | 100F | 100F | 150M | 1 |
| PY130ADT3 | 55,13 | 130F | 130F | 180M | 1 |
| PY150ADT3 | 62,31 | 150F | 150F | 200M | 1 |
| PY180ADT3 | 70,89 | 180F | 180F | 230M | 1 |
| PY200ADT3 | 81,51 | 200F | 200F | 250M | 1 |
| PY250ADT3 | 103,36 | 250F | 250F | 300M | 1 |
| PY300ADT3 | 127,03 | 300F | 300F | 350M | 1 |
| PY350ADT3 | 135,37 | 350F | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT4

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*




| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| PY080ADT4 | 47,22 | 80M | 80M | 130F | 1 |
| PY100ADT4 | 52,16 | 100M | 100M | 150F | 1 |
| PY130ADT4 | 55,13 | 130M | 130M | 180F | 1 |
| PY150ADT4 | 62,31 | 150M | 150M | 200F | 1 |
| PY180ADT4 | 70,89 | 180M | 180M | 230F | 1 |
| PY200ADT4 | 81,51 | 200M | 200M | 250F | 1 |
| PY250ADT4 | 103,36 | 250M | 250M | 300F | 1 |
| PY300ADT4 | 127,03 | 300M | 300M | 350F | 1 |
| PY350ADT4 | 135,37 | 350M | 350M | 400F | 1 |

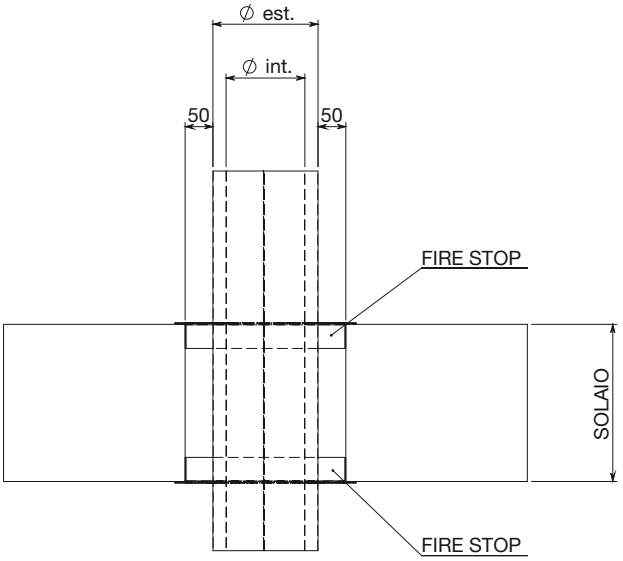
**M - maschio** *male mâle*
**F - femmina** *female femelle*

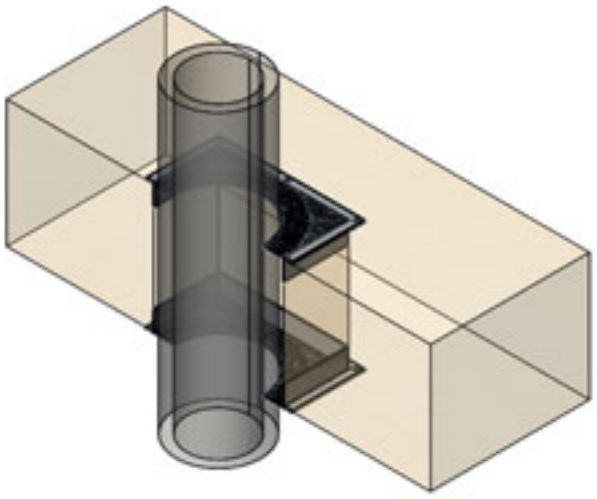
# FIRE STOP

**Il Fire stop è un sistema composto da due solide piastre costruite in acciaio zincato , che sono posizionate nella parte superiore e inferiore dei solai. Secondo le regolamentazioni britanniche in materia di edilizia, quando una canna fumaria passa attraverso un piano o un soffitto, l'installazione deve essere completata da un Fire stop realizzato in materiale non combustibile. Le piastre possono essere ventilate, o meglio provviste di fessure e fori per il passaggio dell'aria (utilizzo per interni e vicinanza a materiali sensibili al calore), e non ventilate (totalmente chiuse, per chiudere camini in refrattario). L'installazione del Fire stop ha lo scopo di prevenire contatti di calore diretti, mantenendo concentrica la canna fumaria rispetto al cavedio. Il prodotto è stato sottoposto ai test termici di temperatura e ai test di resistenza al fuoco, secondo la normativa europea BS EN 1856 -1:2009 & BS 476: PART 20:1987 , e ha conseguito la seguente designazione tecnica: T450 N1 D V2 L50050 G(50)**

*The **Fire Stop** is a system composed of two solid plates made of galvanized steel, which are located in the upper and lower floors. According to British regulations on construction, when a chimney passes through a floor or ceiling, the installation must be completed by a Fire Stop made of non-combustible material. The plates can be ventilated, or better provided with slots and holes for the passage of air (for internal use and proximity to heat sensitive materials), and non-ventilated (fully closed, to close refractory chimneys). The installation of Fire Stop is designed to prevent direct contact heat, maintaining the flue chimney concentric in the seat of the flue pipes . The product was subjected to thermal testing temperature and fire resistance tests, according to European Standard BS EN 1856 – 1:2009 & BS 476: PART 20:1987, and holds the following technical designation: T450 N1 D V2 L50050 G (50)*

*La **Plaque d'écart au feux** est un système composé par deux plaques solides en acier galvanisé, qui sont situées dans les étages supérieurs et inférieurs. Selon la réglementation européenne sur la construction, où une cheminée traverse un plancher ou un plafond, l'installation doit être complétée par la Plaque d'écart au feux faite d'un matériau incombustible. Les plaques peuvent être ventilés, ou mieux pourvues de fentes et de trous pour le passage de l'air (à usage interne et en proximité de matériaux thermosensibles), et non ventilés (totalement fermées, pour fermer les cheminées réfractaires). L'installation des Plaques d'écart au feux est conçue pour empêcher les contacts directs à la chaleur, en maintenant concentrique le conduit de fumée par rapport à la zone du passage de la cheminée. Le produit a été soumis aux essais thermiques de température et aux tests de résistance au feu, selon la norme européenne BS EN 1856 -1:2009 & BS 476: PART 20:1987, et détient la désignation technique suivante: T450 N1 D V2 L50050 G (50)*



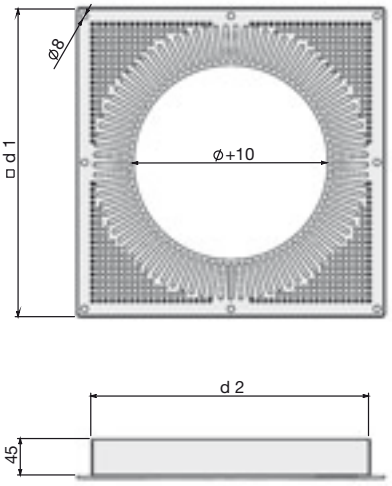



## FST1

# Fire stop areato

*Ventilated fire stop*

*Plaque d'écart au feux ventilée*



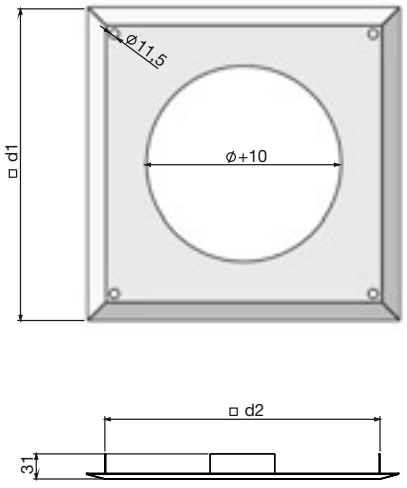

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| PZ180FST1 | 38,45 | 180 | 327 | 289 | 2 |
| PZ200FST1 | 40,75 | 200 | 347 | 309 | 2 |
| PZ230FST1 | 43,60 | 230 | 377 | 399 | 2 |
| PZ250FST1 | 50,00 | 250 | 397 | 359 | 2 |

## FST2

# Fire stop non areato

*Non-ventilated fire stop*

*Plaque d'écart au feux non ventilée*



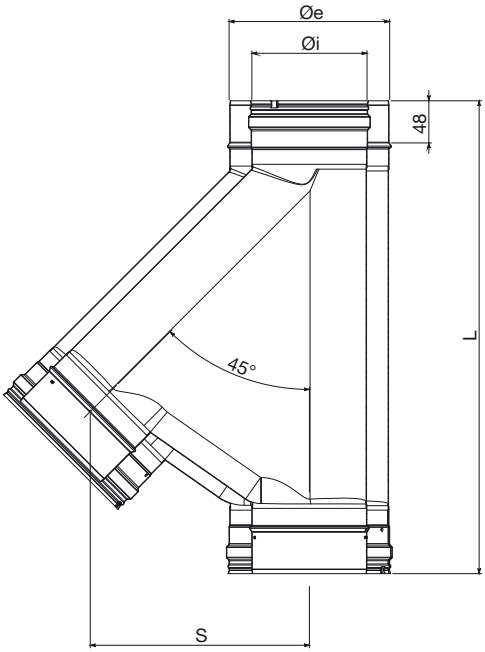

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| PZ180FST2 | 38,45 | 180 | 333 | 290 | 2 |
| PZ200FST2 | 40,75 | 200 | 352 | 309 | 2 |
| PZ230FST2 | 43,60 | 230 | 385 | 340 | 2 |
| PZ250FST2 | 50,00 | 250 | 405 | 360 | 2 |

## T135

# Raccordo a T135°

*T 135° Pipe Fitting*

*Raccord en T 135°*



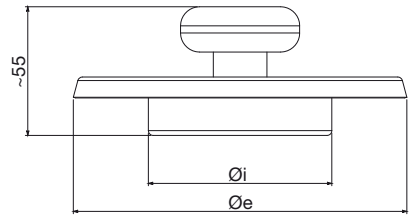

| codice<br>*code*<br>*code* | € | Øi | Øe | S | L | |
|---|---|---|---|---|---|---|
| PY080T135 | 261,37 | 80 | 130 | 230 | 470 | 1 |
| PY100T135 | 285,56 | 100 | 150 | 250 | 505 | 1 |
| PY130T135 | 326,55 | 130 | 180 | 270 | 545 | 1 |
| PY150T135 | 356,19 | 150 | 200 | 290 | 575 | 1 |
| PY180T135 | 409,91 | 180 | 230 | 315 | 610 | 1 |
| PY200T135 | 438,76 | 200 | 250 | 330 | 640 | 1 |
| PY250T135 | 561,03 | 250 | 300 | 370 | 710 | 1 |
| PY300T135 | 735,59 | 300 | 350 | 420 | 785 | 1 |
| PY350T135 | 892,58 | 350 | 400 | 500 | 930 | 1 |

## TIDP

# Tappo per ispezione

*Plug for inspection*

*Trappe d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| PI080TIDP | 20,29 | 80 | 130 | 1 |
| PI100TIDP | 22,37 | 100 | 150 | 1 |
| PI130TIDP | 26,86 | 130 | 180 | 1 |
| PI150TIDP | 29,81 | 150 | 200 | 1 |
| PI180TIDP | 38,74 | 180 | 230 | 1 |
| PI200TIDP | 42,41 | 200 | 250 | 1 |
| PI250TIDP | 67,62 | 250 | 300 | 1 |

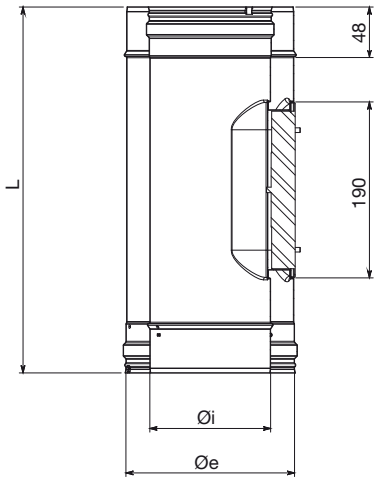
Da applicare su T090 e RACT

*To apply on T090 and RACT*

*Appliquer à T090 et RACT*

## IQ24

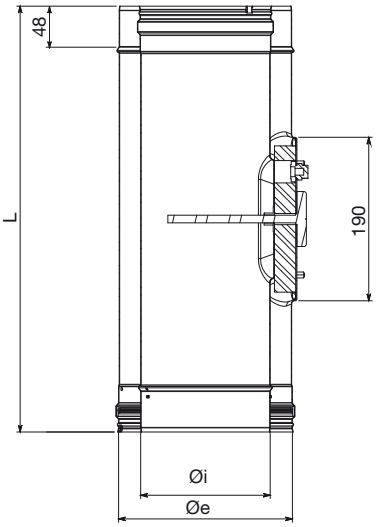
### Modulo raccolta incombusti
*Unburnt materials collecting box*
*Module de recueil des suies*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| PY130IQ24 | 233,43 | 130 | 180 | 395 | 1 |
| PY150IQ24 | 246,46 | 150 | 200 | 395 | 1 |
| PY180IQ24 | 270,22 | 180 | 230 | 495 | 1 |
| PY200IQ24 | 279,31 | 200 | 250 | 495 | 1 |
| PY250IQ24 | 313,58 | 250 | 300 | 495 | 1 |

## CF32

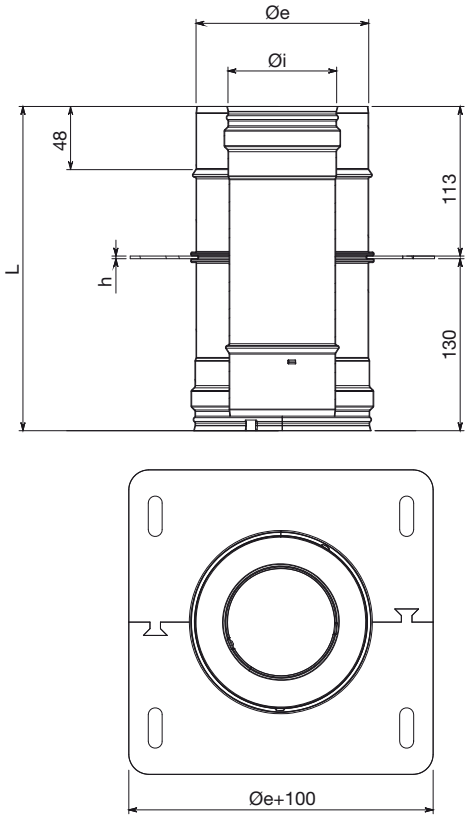
### Modulo rilevamento fumi ed ispezioni
*Module smoke detection and inspection*
*Module détection de fumée et d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| PY130CF32 | 274,88 | 130 | 180 | 395 | 1 |
| PY150CF32 | 286,84 | 150 | 200 | 395 | 1 |
| PY180CF32 | 308,78 | 180 | 230 | 495 | 1 |
| PY200CF32 | 317,15 | 200 | 250 | 495 | 1 |
| PY250CF32 | 334,13 | 250 | 300 | 495 | 1 |

## PB10

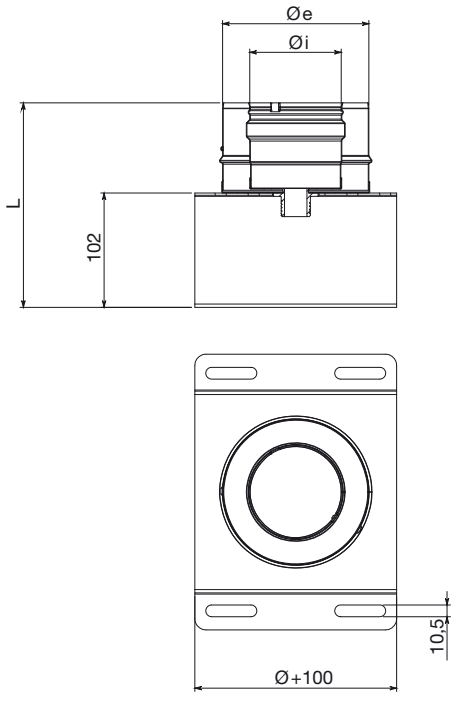
### Piastra con elemento dritto
*Plate with straight element*
*Plaque avec élément droit*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | h | |
|---|---|---|---|---|---|---|
| PY080PB10 | 100,22 | 80 | 130 | 245 | 2 | 1 |
| PY100PB10 | 108,31 | 100 | 150 | 245 | 2 | 1 |
| PY130PB10 | 117,01 | 130 | 180 | 245 | 2 | 1 |
| PY150PB10 | 124,21 | 150 | 200 | 245 | 2 | 1 |
| PY180PB10 | 130,81 | 180 | 230 | 245 | 2 | 1 |
| PY200PB10 | 143,89 | 200 | 250 | 245 | 3 | 1 |
| PY250PB10 | 148,84 | 250 | 300 | 245 | 3 | 1 |
| PY300PB10 | 165,03 | 300 | 350 | 245 | 3 | 1 |
| PY350PB10 | 178,11 | 350 | 400 | 245 | 3 | 1 |

## PA26

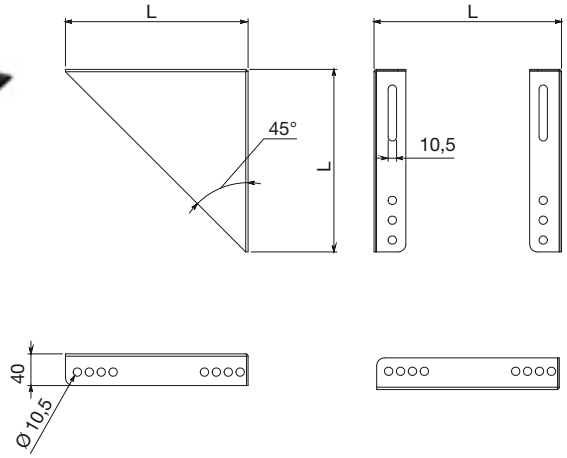
### Piastra ancoraggio con scarico
*Anchorage plate with draining*
*Plaque d'ancrage avec évacuation*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| PY080PA26 | 104,60 | 80 | 130 | 190 | 1 |
| PY100PA26 | 117,30 | 100 | 150 | 190 | 1 |
| PY130PA26 | 122,73 | 130 | 180 | 190 | 1 |
| PY150PA26 | 128,80 | 150 | 200 | 190 | 1 |
| PY180PA26 | 135,70 | 180 | 230 | 190 | 1 |
| PY200PA26 | 149,50 | 200 | 250 | 190 | 1 |
| PY250PA26 | 182,16 | 250 | 300 | 190 | 1 |
| PY300PA26 | 221,72 | 300 | 350 | 190 | 1 |
| PY350PA26 | 292,79 | 350 | 400 | 190 | 1 |

## SM13

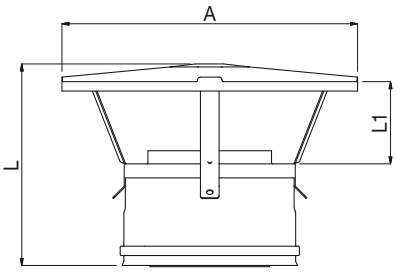
### Supporto murale
*Wall support*
*Support mural*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| PJ130SM13 | 38,18 | 130 | 230 | 1 |
| PJ150SM13 | 46,00 | 150 | 250 | 1 |
| PJ180SM13 | 50,60 | 180 | 280 | 1 |
| PJ200SM13 | 57,50 | 200 | 300 | 1 |
| PJ230SM13 | 66,70 | 230 | 330 | 1 |
| PJ250SM13 | 73,60 | 250 | 350 | 1 |
| PJ300SM13 | 78,20 | 300 | 400 | 1 |
| PJ350SM13 | 103,50 | 350 | 450 | 1 |
| PJ400SM13 | 121,29 | 400 | 500 | 1 |

## CC06

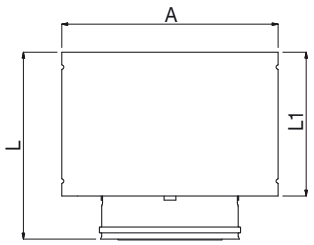
### Terminale cinese
*Rain ending part*
*Terminal chinois*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| PY080CC06 | 60,79 | 80/130 | 265 | 195 | 70 | 1 |
| PY100CC06 | 66,73 | 100/150 | 265 | 200 | 75 | 1 |
| PY130CC06 | 87,58 | 130/180 | 320 | 215 | 90 | 1 |
| PY150CC06 | 91,47 | 150/200 | 320 | 225 | 100 | 1 |
| PY180CC06 | 119,46 | 180/230 | 400 | 235 | 110 | 1 |
| PY200CC06 | 124,07 | 200/250 | 400 | 250 | 125 | 1 |
| PY250CC06 | 164,31 | 250/300 | 500 | 275 | 150 | 1 |
| PY300CC06 | 202,25 | 300/350 | 600 | 300 | 175 | 1 |

## CAPE

### Terminale antivento
*Windproof ending part*
*Terminal anti-vent*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| PY080CAPE | 72,09 | 80/130 | 220 | 240 | 165 | 1 |
| PY100CAPE | 84,02 | 100/150 | 260 | 260 | 200 | 1 |
| PY130CAPE | 103,89 | 130/180 | 300 | 280 | 200 | 1 |
| PY150CAPE | 112,99 | 150/200 | 310 | 320 | 250 | 1 |
| PY180CAPE | 142,03 | 180/230 | 370 | 340 | 250 | 1 |
| PY200CAPE | 147,22 | 200/250 | 420 | 340 | 250 | 1 |
| PY250CAPE | 189,15 | 250/300 | 470 | 400 | 310 | 1 |
| PY300CAPE | 221,58 | 300/350 | 530 | 400 | 310 | 1 |
| PY350CAPE | 255,99 | 350/400 | 610 | 500 | 415 | 1 |

# FP23/24

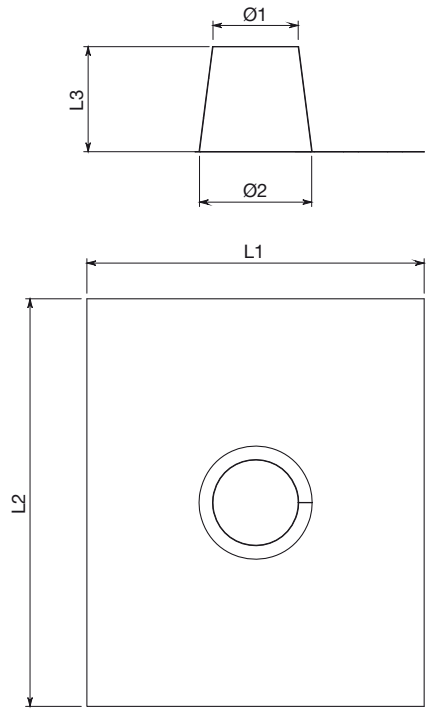
## Faldale per tetti piani in alluminio

*Aluminium flashing for flat roofs*

*Solin en aluminium pour toits plats*

*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| PJ130FP23 | 57,39 | 130 | 150 | 300 | 450 | 130 | 1 |
| PJ150FP23 | 61,88 | 150 | 170 | 340 | 550 | 160 | 1 |
| PJ180FP23 | 82,18 | 180 | 200 | 370 | 650 | 170 | 1 |
| PJ200FP23 | 88,50 | 200 | 220 | 400 | 650 | 200 | 1 |
| PJ230FP23 | 101,43 | 230 | 250 | 420 | 650 | 200 | 1 |
| PJ250FP23 | 109,04 | 250 | 270 | 430 | 650 | 200 | 1 |
| PJ300FP23 | 111,98 | 300 | 320 | 500 | 750 | 230 | 1 |
| PJ350FP23 | 116,10 | 350 | 370 | 530 | 750 | 260 | 1 |
| PJ400FP23 | 190,19 | 400 | 420 | 560 | 800 | 260 | 1 |



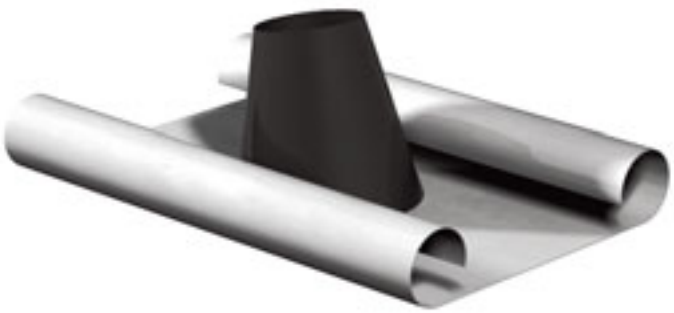

*PIOMBO LEAD PLOMB*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| PJ130FP24 | 171,40 | 130 | 150 | 500 | 700 | 1 |
| PJ150FP24 | 227,70 | 150 | 170 | 700 | 1000 | 1 |
| PJ180FP24 | 239,20 | 180 | 200 | 700 | 1000 | 1 |
| PJ200FP24 | 257,60 | 200 | 220 | 800 | 1000 | 1 |
| PJ230FP24 | 289,80 | 230 | 250 | 800 | 1000 | 1 |
| PJ250FP24 | 299,00 | 250 | 270 | 800 | 1000 | 1 |
| PJ300FP24 | 363,40 | 300 | 320 | 1000 | 1000 | 1 |
| PJ350FP24 | 428,49 | 350 | 370 | 1000 | 1000 | 1 |

# FI20/21

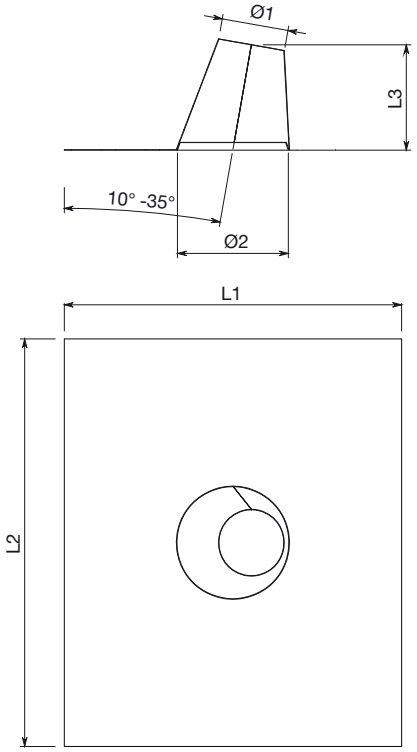
## Faldale per tetti inclinati 10-35° in alluminio

*Aluminium flashing for sloped roofs from 10° to 35°*
*Solin en aluminium pour toits inclinés de 10° à 35°*



*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| PJ130FI20 | 54,20 | 130 | 150 | 300 | 450 | 150 | 1 |
| PJ150FI20 | 59,52 | 150 | 170 | 340 | 550 | 160 | 1 |
| PJ180FI20 | 71,40 | 180 | 200 | 370 | 650 | 170 | 1 |
| PJ200FI20 | 82,24 | 200 | 220 | 400 | 650 | 200 | 1 |
| PJ230FI20 | 93,93 | 230 | 250 | 420 | 650 | 200 | 1 |
| PJ250FI20 | 98,07 | 250 | 270 | 430 | 650 | 200 | 1 |
| PJ300FI20 | 101,36 | 300 | 320 | 500 | 750 | 230 | 1 |
| PJ350FI20 | 110,71 | 350 | 370 | 530 | 750 | 260 | 1 |
| PJ400FI20 | 188,23 | 400 | 420 | 560 | 800 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| PJ130FI21 | 171,40 | 130 | 150 | 500 | 700 | 1 |
| PJ150FI21 | 227,70 | 150 | 170 | 700 | 1000 | 1 |
| PJ180FI21 | 239,20 | 180 | 200 | 700 | 1000 | 1 |
| PJ200FI21 | 257,60 | 200 | 220 | 800 | 1000 | 1 |
| PJ230FI21 | 289,80 | 230 | 290 | 800 | 1000 | 1 |
| PJ250FI21 | 299,00 | 250 | 270 | 800 | 1000 | 1 |
| PJ300FI21 | 363,40 | 300 | 320 | 1000 | 1000 | 1 |
| PJ350FI21 | 428,49 | 350 | 370 | 1000 | 1000 | 1 |

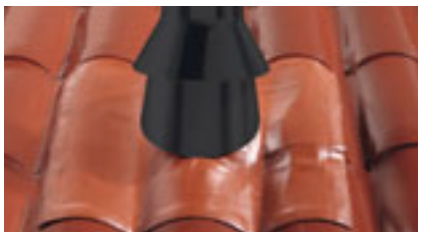
## FI30

# Faldale con base in gomma per tetti inclinati da 5° a 32°

*Flashing with rubber base for sloped roofs from 5° to 32°*

*Solin avec base en gomme pour toits inclinés de 5° à 32°*

| codice<br>*code*<br>*code* | € | Ø1 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| PJ130FI30 | 112,63 | 130 | 560 | 688 | 150 | 1 |
| PJ150FI30 | 124,71 | 150 | 560 | 715 | 160 | 1 |
| PJ180FI30 | 162,13 | 180 | 625 | 1006 | 170 | 1 |
| PJ200FI30 | 166,39 | 200 | 625 | 1006 | 200 | 1 |
| PJ230FI30 | 192,11 | 230 | 688 | 1006 | 200 | 1 |
| PJ250FI30 | 200,53 | 250 | 715 | 1006 | 200 | 1 |
| PJ300FI30 | 209,06 | 300 | 715 | 1006 | 230 | 1 |
| PJ350FI30 | 226,12 | 350 | 800 | 1006 | 260 | 1 |
| PJ400FI30 | 243,19 | 400 | 800 | 1006 | 260 | 1 |



Apros è sempre attenta ai nuovi materiali che consentono un'installazione rapida, sicura e duratura nel tempo.
Vi presentiamo il nuovo faldale in gomma extra-flex, con base adesiva, molto malleabile e adattabile ad ogni tipologia di tetto inclinato da 5° a 32°.

*Apros is always attentive to new materials, that allow a quick, safe and lasting installation.*
*We introduce you the new flashing in extra-flex rubber, with adhesive base, which is very malleable and adaptable to any type of sloped roof from 5° to 32°.*

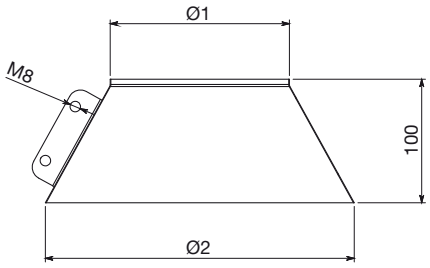
*APROS est toujours attentive aux nouveaux matériaux qui permettent une installation rapide, sûre et durable.*
*Nous présentons le nouveau solin supplémentaires en extra-flex gomme, avec base adhésive, qui est très malléable et adaptable à chaque typologie de toit en pente de 5° à 32°.*

## SS22

# Scossalina

*Collar*

*Collerette de solin*



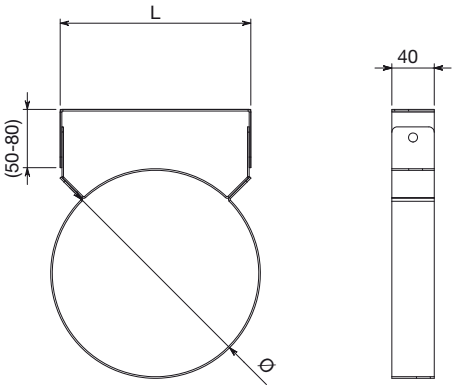

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| PJ130SS22 | 21,46 | 130 | 230 | 1 |
| PJ150SS22 | 23,00 | 150 | 250 | 1 |
| PJ180SS22 | 30,36 | 180 | 280 | 1 |
| PJ200SS22 | 30,36 | 200 | 300 | 1 |
| PJ230SS22 | 34,32 | 230 | 330 | 1 |
| PJ250SS22 | 37,96 | 250 | 350 | 1 |
| PJ300SS22 | 42,39 | 300 | 400 | 1 |
| PJ350SS22 | 72,52 | 350 | 450 | 1 |
| PJ400SS22 | 103,68 | 400 | 600 | 1 |

## FM14

# Fascetta murale

*Wall clamp*

*Collier mural*



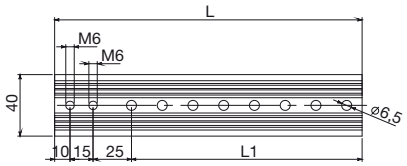

| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| PJ130FM14 | 20,46 | 130 | 130 | 1 |
| PJ150FM14 | 21,64 | 150 | 145 | 1 |
| PJ180FM14 | 26,67 | 180 | 165 | 1 |
| PJ200FM14 | 28,26 | 200 | 180 | 1 |
| PJ230FM14 | 31,88 | 230 | 200 | 1 |
| PJ250FM14 | 32,71 | 250 | 220 | 1 |
| PJ300FM14 | 39,23 | 300 | 250 | 1 |
| PJ350FM14 | 45,02 | 350 | 290 | 1 |
| PJ400FM14 | 52,62 | 400 | 350 | 1 |

## PSF1/2

# Prolunga per fissaggio staffa

*Extension mounting bracket*

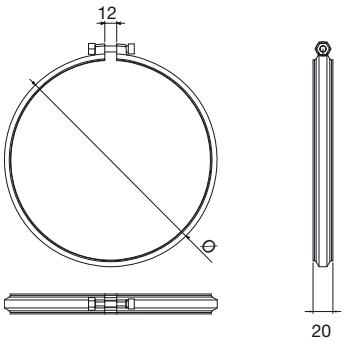
*Extension du support de montage*




| codice<br>*code*<br>*code* | € | L1 | |
|---|---|---|---|
| PJUNVPSF1 | 13,80 | 100 | 1 |
| PJUNVPSF2 | 17,25 | 200 | 1 |

## FB19

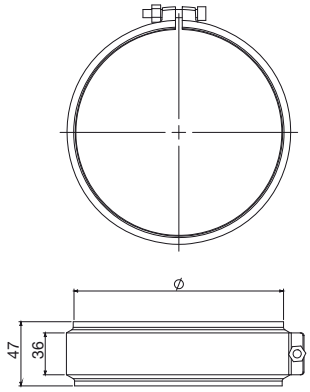
### Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| PJ130FB19 | 4,74 | 130 | 1 |
| PJ150FB19 | 4,78 | 150 | 1 |
| PJ180FB19 | 4,89 | 180 | 1 |
| PJ200FB19 | 6,28 | 200 | 1 |
| PJ230FB19 | 6,76 | 230 | 1 |
| PJ250FB19 | 6,83 | 250 | 1 |
| PJ300FB19 | 7,37 | 300 | 1 |
| PJ350FB19 | 9,79 | 350 | 1 |
| PJ400FB19 | 11,02 | 400 | 1 |

## FB36

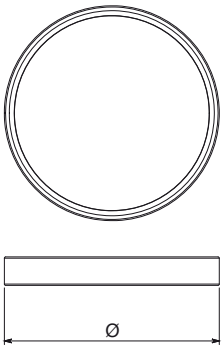
### Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| PJ130FB36 | 5,64 | 130 | 1 |
| PJ150FB36 | 5,80 | 150 | 1 |
| PJ180FB36 | 6,16 | 180 | 1 |
| PJ200FB36 | 6,34 | 200 | 1 |
| PJ230FB36 | 6,58 | 230 | 1 |
| PJ250FB36 | 6,83 | 250 | 1 |
| PJ300FB36 | 7,52 | 300 | 1 |
| PJ350FB36 | 8,33 | 350 | 1 |
| PJ400FB36 | 8,86 | 400 | 1 |

## GUAR

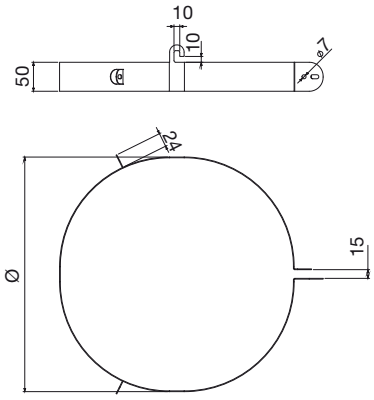
## Guarnizione al silicone nero
*Black silicone gasket*
*Joint au silicone noir*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080GUAR | 0,88 | 80 | 1 |
| I100GUAR | 1,21 | 100 | 1 |
| I130GUAR | 1,81 | 130 | 1 |
| I150GUAR | 2,33 | 150 | 1 |
| I180GUAR | 2,80 | 180 | 1 |
| I200GUAR | 3,57 | 200 | 1 |
| I230GUAR | 5,56 | 230 | 1 |
| I250GUAR | 6,03 | 250 | 1 |
| I300GUAR | 6,57 | 300 | 1 |
| I350GUAR | 7,34 | 350 | 1 |
| I400GUAR | 8,75 | 400 | 1 |

## CT25

## Fascia cavi tiranti e discesa
*Clamp for tie cables and descent*
*Collier pour hauban et descente*



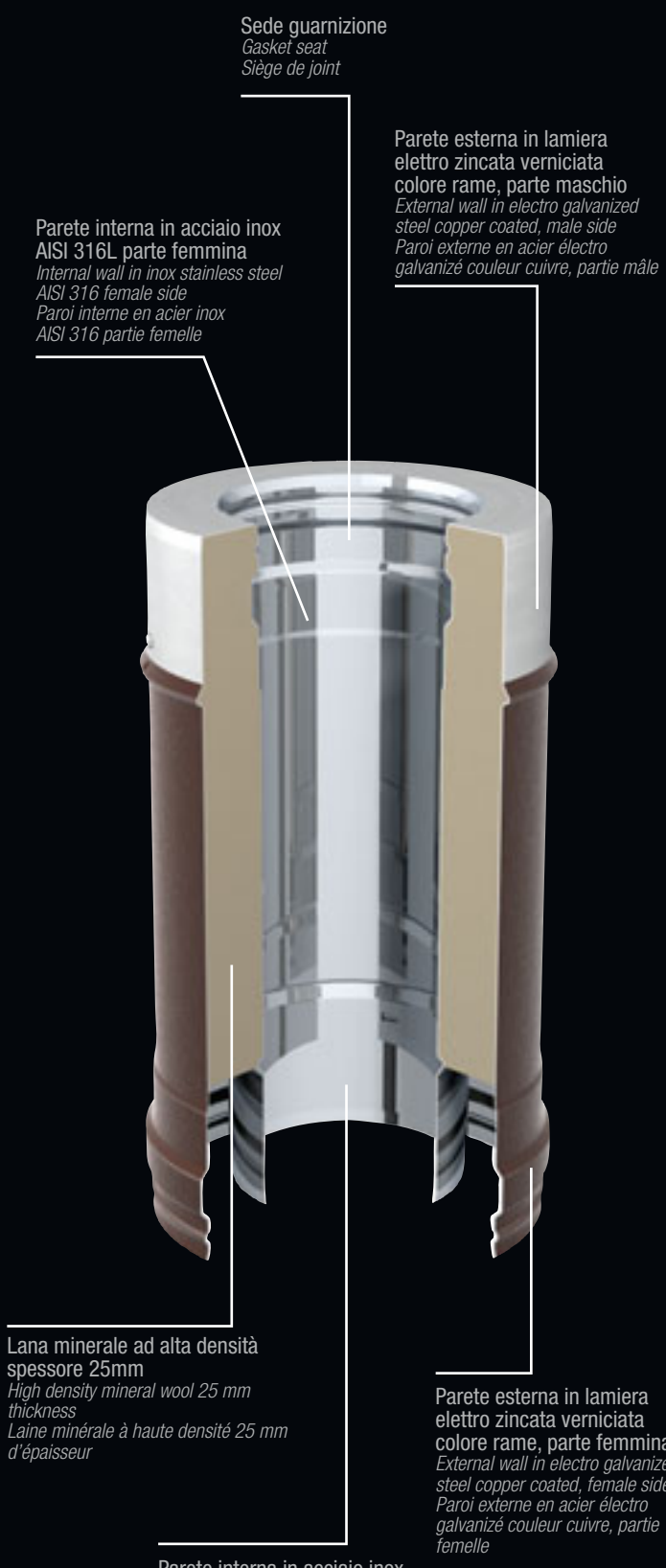

| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| PJ130CT25 | 39,61 | 130 | 1 |
| PJ150CT25 | 39,61 | 150 | 1 |
| PJ180CT25 | 46,81 | 180 | 1 |
| PJ200CT25 | 46,81 | 200 | 1 |
| PJ230CT25 | 46,81 | 230 | 1 |
| PJ250CT25 | 46,81 | 250 | 1 |
| PJ300CT25 | 46,81 | 300 | 1 |
| PJ350CT25 | 61,36 | 350 | 1 |
| PJ400CT25 | 80,21 | 400 | 1 |

La tecnologia gioca con il colore

# Dynamic **Two colore rame**

EN 1856-1: 2009
No. 0063-CPD-52976/4

# Acciaio inox doppia parete AISI 316L interno e Lamiera elettro zincata esterno verniciata colore rame


Sede guarnizione
Gasket seat
Siège de joint
Parete esterna in lamiera elettro zincata verniciata colore rame, parte maschio
External wall in electro galvanized steel copper coated, male side
Paroi externe en acier électro galvanizé couleur cuivre, partie mâle
Parete interna in acciaio inox AISI 316L parte femmina
Internal wall in inox stainless steel AISI 316 female side
Paroi interne en acier inox AISI 316 partie femelle
Lana minerale ad alta densità spessore 25mm
High density mineral wool 25 mm thickness
Laine minérale à haute densité 25 mm d'épaisseur
Parete esterna in lamiera elettro zincata verniciata colore rame, parte femmina
External wall in electro galvanized steel copper coated, female side
Paroi externe en acier électro galvanizé couleur cuivre, partie femelle
Parete interna in acciaio inox AISI 316L parte maschio
Internal wall in inox stainless steel AISI 316L male side
Paroi interne en acier inox AISI 316L partie mâle

**Applicazioni:**
Evacuazione fumi per funzionamento a secco o a umido in pressione P1 (con guarnizione) e N1 (senza guarnizione)
Evacuazione dei prodotti di ventilazione

**Caratteristiche tecniche:**
Parete interna in Acciaio inox AISI 316 L spessore 0,5 mm
Parete esterna in lamiera elettro zincata spessore 0,6 mm
Verniciatura a polvere colore rame
Coibentazione con lana di roccia spessore 25 mm. La lana di roccia è insufflata tra le due pareti con un procedimento automatico per garantire sempre una densità media di 180kg/m³.
Alle estremità del tubo vengono posti degli anelli di chiusura
Disponibile nei diametri: 80/130 - 100/150 - 130/180 - 150/200 – 180/230 – 200/250 – 250/300 – 300/350 -350/400
Saldatura longitudinale al laser
Tutte le curve sono saldate con il nuovo sistema al TIG automatizzato
Imbocco con particolare sistema "click-clack": questo sistema viene applicato dal diam. 80 al diam. 150 compreso
Guarnizione siliconica nera a triplo labbro che assicura una ottima tenuta tra le due giunzioni (su richiesta)

**Accessori:**
Fascetta di bloccaggio consigliata e fornita su richiesta.

**Temperatura di esercizio:**
Max 200°: con guarnizione siliconica nera (pressione P1 – 200 Pa).
Max 600°: senza guarnizione siliconica (pressione N1 – 40 Pa).

**Certificazione:**
*CE (EN 1856-1)*

**Designazione tecnica:**
T200-P1-W-V2-L50050-O30 sistema areato con elastomero di tenuta
T200-P1-W-V2-L50050-O00 sistema areato con elastomero di tenuta e singola lastra materiale coibentante
T600-N1-D-V2-L50050-O60 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-O50 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-O80 sistema areato senza elastomero di tenuta con doppia lastra materiale coibentante, passaggio a tetto
T600-N1-D-V2-L50050-G50 sistema areato senza elastomero di tenuta
T600-N1-D-V2-L50050-G40 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante
T600-N1-D-V2-L50050-G150 sistema non areato senza elastomero di tenuta, con doppia lastra materiale coibentante, passaggio a tetto
Certificato No. 0063-CPD-52976/4

# Stainless steel double wall internal AISI 316L and external electro galvanized steel copper coated

***Applications:***
*Fumes discharge for dry and wet working conditions under pressure P1(with gasket) and N1 (without gasket)*
*Discharge of ventilation products*

***Technical features:***
*Internal wall in stainless steel AISI 316 L thickness 0,5 mm*
*External wall in electro galvanized steel sheet thickness 0,6 mm*
*Copper powder coated*
*Insulation by rock wool thickness 25 mm. The rock wool is insufflated between the two walls through an automatic process to guarantee always a medium density 180 kg / m³. Closing rings are placed at the ends of the pipe.*
*Available diameters: 80/130 – 100/150 – 130/180 150/200 180/230 –200/250 – 250/300 – 300/350 - 350/400*
*Longitudinal welding by laser process*
*All bends are welded with the new system automated TIG*
*Connection with particular system "click-clack", this system is applied from diam. 80 to diam. 150 included*
*"Triple lip" black silicon gasket which assures a perfect tightness between the two hose couplings (on request)*

***Accessories:***
*Locking clamp, recommended and provided on request*

***Working temperature:***
*Max 200°: with black silicon gasket (pressure P1 – 200 Pa)*
*Max 600°: without silicon gasket (pressure N1 – 40 Pa)*

***Certification:***
*CE (EN 1856-1)*

***Technical specifications:***
*T200-P1-W-V2-L50050-O30 aired system with tightness elastomer*
*T200-P1-W-V2-L50050-O00 aired system with tightness elastomer and single layer insulation material*
*T600-N1-D-V2-L50050-O60 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-O50 aired system without tightness elastomer with double layer insulation material*
*T600-N1-D-V2-L50050-O80 aired system without tightness elastomer with double layer insulation material, passage roof*
*T600-N1-D-V2-L50050-G50 aired system without tightness elastomer*
*T600-N1-D-V2-L50050-G40 not aired system without tightness elastomer, with double layer insulation material*
*T600-N1-D-V2-L50050-G150 not aired system without tightness elastomer, with double layer insulation material, passage roof*
*Certificate No. 0063-CPD-52976/4*

# Tuyaux inox double paroi, à l'intérieur AISI 316L et à l'extérieur acier électro galvanisé couleur cuivre

***Applications:***
*Evacuation des fumées pour fonctionnement à sec ou humide en pression P1 (avec joint) et N1 (sans joint)*
*Evacuation des produits de ventilation*

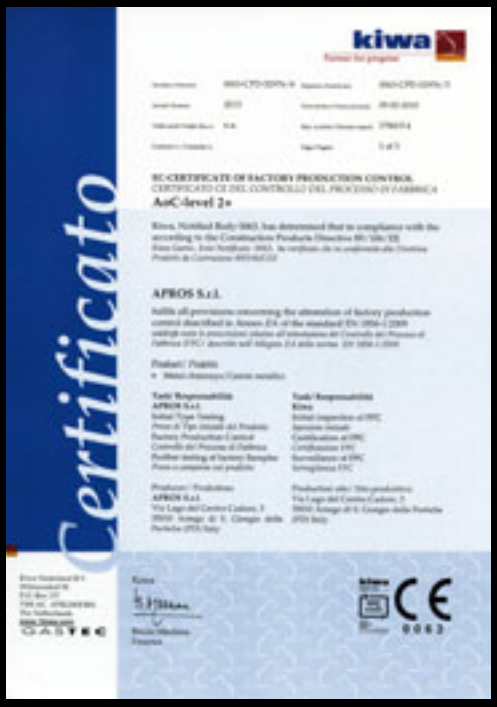
***Caractéristiques techniques:***
*Paroi interne acier inox AISI 316 L épaisseur 0,5 mm*
*Paroi externe acier électro galvanisé épaisseur 0,6 mm*
*Peinture en poudre couleur cuivre*
*Isolation par laine de roche épaisseur 25 mm. La laine de roche est soufflée entre les deux parois par un procédé automatique pour garantir toujours la densité moyenne de 180 kg / m³. Aux extrémités du tuyau il y a des bagues de clôture.*
*Diamètres disponibles: 80/130 – 100/150 – 130/180 150/200 – 180/230 – 200/250 – 250/300 – 300/350 - 350/400*
*Soudure longitudinale au laser*
*Toutes les coudes sont soudées par le nouveau système au TIG automatisé*
*Emboitement avec système particulier "click-clack", ce système est appliqué du diam. 80 au diam. 150 inclus*
*Joint en silicone noir à triple lèvre qui assure une bonne étanchéité entre les deux jonctions (sur requête)*

***Accessoires:***
*Collier de blocage recommandé et fourni sur demande*

***Température d'exercice:***
*Max 200°: avec joint noire au silicone (pression P1 – 200 Pa)*
*Max 600°: sans joint au silicone (pression N1 – 40 Pa)*

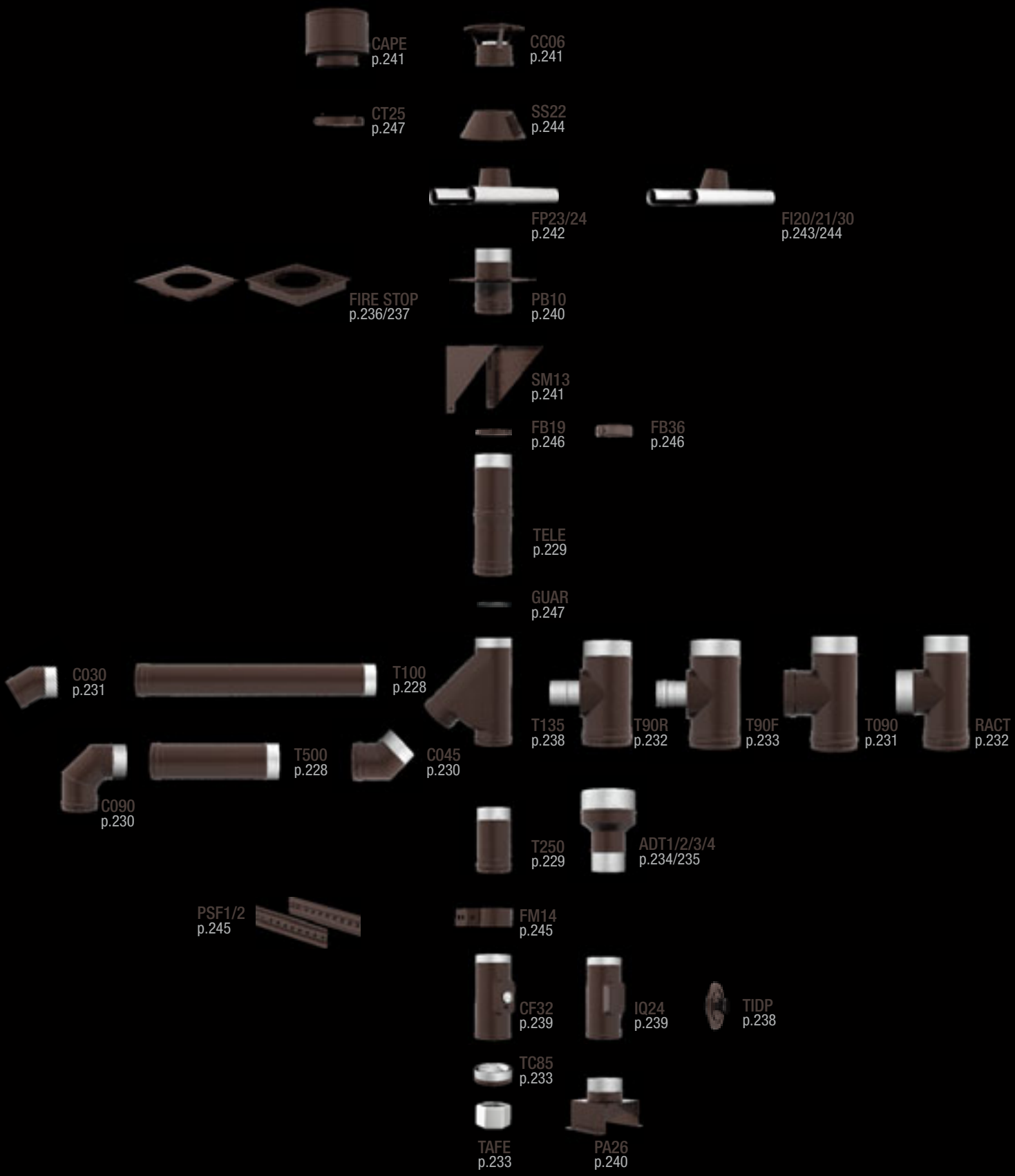
***Certification:***
*CE (EN 1856-1)*

***Désignation technique:***
*T200-P1-W-V2-L50050-O30 système aéré avec élastomère d'étanchéité*
*T200-P1-W-V2-L50050-O00 système aéré avec élastomère d'étanchéité et simple feuille de matériel isolant*
*T600-N1-D-V2-L50050-O60 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-O50 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-O80 système aéré sans élastomère d'étanchéité avec double feuille de matériel isolant, passage au toit*
*T600-N1-D-V2-L50050-G50 système aéré sans élastomère d'étanchéité*
*T600-N1-D-V2-L50050-G40 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant*
*T600-N1-D-V2-L50050-G150 système non aéré sans élastomère d'étanchéité, avec double feuille de matériel isolant, passage au toit*
*Certificat No. 0063-CPD-52976/4*




kiwa
Partner for progress

*Schéma de montage* *Assembling scheme* Schema di montaggio

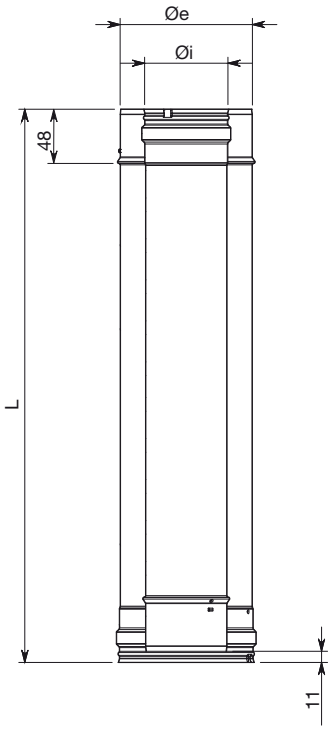


## T100

# Elemento lineare T100

*Linear element T100*

*Elément droit T100*



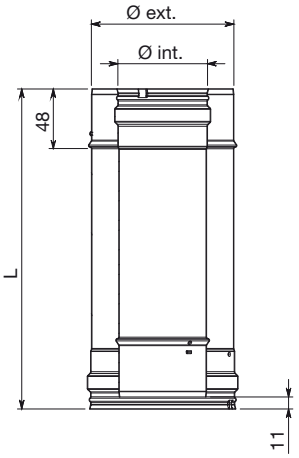

| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| RY080T100 | 95,14 | 80 | 130 | 995 | 1 |
| RY100T100 | 106,58 | 100 | 150 | 995 | 1 |
| RY130T100 | 119,32 | 130 | 180 | 995 | 1 |
| RY150T100 | 130,61 | 150 | 200 | 995 | 1 |
| RY180T100 | 151,28 | 180 | 230 | 995 | 1 |
| RY200T100 | 164,73 | 200 | 250 | 995 | 1 |
| RY250T100 | 194,25 | 250 | 300 | 995 | 1 |
| RY300T100 | 218,98 | 300 | 350 | 995 | 1 |
| RY350T100 | 242,67 | 350 | 400 | 995 | 1 |

## T500

# Elemento lineare T500

*Linear element T500*

*Elément droit T500*

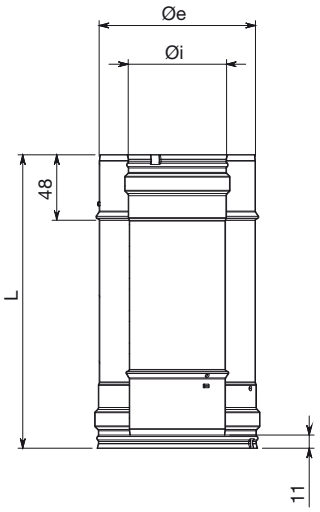



| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| RY080T500 | 70,37 | 80 | 130 | 495 | 1 |
| RY100T500 | 75,38 | 100 | 150 | 495 | 1 |
| RY130T500 | 85,51 | 130 | 180 | 495 | 1 |
| RY150T500 | 91,16 | 150 | 200 | 495 | 1 |
| RY180T500 | 105,62 | 180 | 230 | 495 | 1 |
| RY200T500 | 115,09 | 200 | 250 | 495 | 1 |
| RY250T500 | 136,60 | 250 | 300 | 495 | 1 |
| RY300T500 | 169,22 | 300 | 350 | 495 | 1 |
| RY350T500 | 211,85 | 350 | 400 | 495 | 1 |

## T250

### Elemento lineare T250

*Linear element T250*
*Elément droit T250*

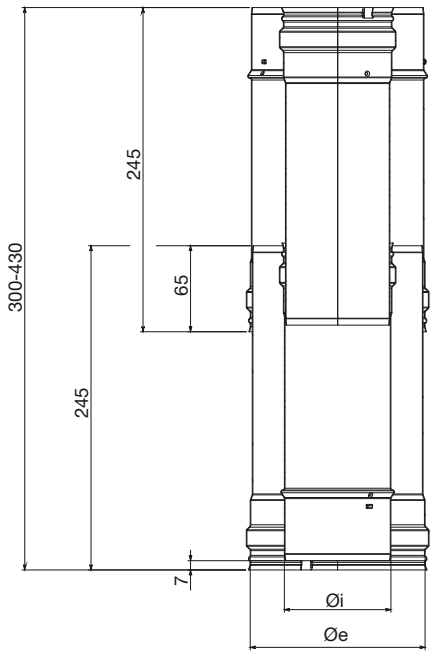



| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| RY080T250 | 55,89 | 80 | 130 | 245 | 1 |
| RY100T250 | 59,02 | 100 | 150 | 245 | 1 |
| RY130T250 | 65,33 | 130 | 180 | 245 | 1 |
| RY150T250 | 68,80 | 150 | 200 | 245 | 1 |
| RY180T250 | 77,89 | 180 | 230 | 245 | 1 |
| RY200T250 | 89,65 | 200 | 250 | 245 | 1 |
| RY250T250 | 95,76 | 250 | 300 | 245 | 1 |
| RY300T250 | 118,90 | 300 | 350 | 245 | 1 |
| RY350T250 | 164,32 | 350 | 400 | 245 | 1 |

## TELE

### Elemento telescopico

*Telescopic element*
*Elément télescopique*



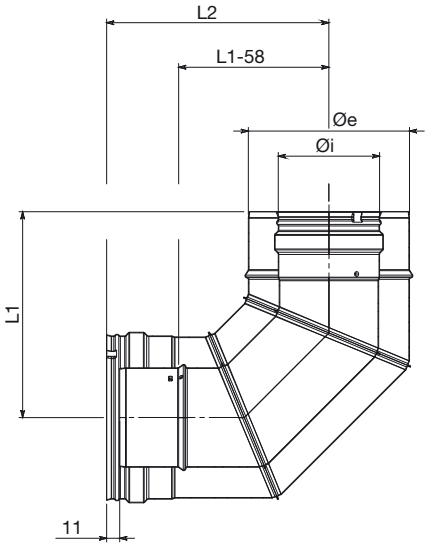

| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| RY080TELE | 121,60 | 80 | 130 | 1 |
| RY100TELE | 131,91 | 100 | 150 | 1 |
| RY130TELE | 150,40 | 130 | 180 | 1 |
| RY150TELE | 162,04 | 150 | 200 | 1 |
| RY180TELE | 189,00 | 180 | 230 | 1 |
| RY200TELE | 214,38 | 200 | 250 | 1 |
| RY250TELE | 235,76 | 250 | 300 | 1 |
| RY300TELE | 279,99 | 300 | 350 | 1 |
| RY350TELE | 350,61 | 350 | 400 | 1 |

## C090

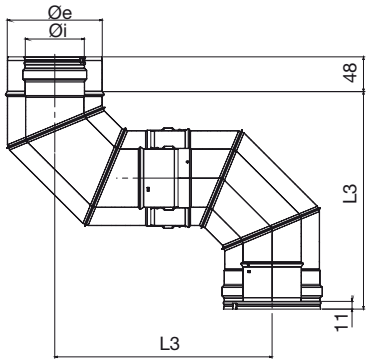
# Curva a 90°

*Bend 90°*

*Coude 90°*




| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| RY080C090 | 112,45 | 80 | 130 | 166 | 180 | 299 | 1 |
| RY100C090 | 121,91 | 100 | 150 | 176 | 190 | 318 | 1 |
| RY130C090 | 150,88 | 130 | 180 | 193 | 205 | 351 | 1 |
| RY150C090 | 163,08 | 150 | 200 | 201 | 215 | 369 | 1 |
| RY180C090 | 184,02 | 180 | 230 | 216 | 230 | 399 | 1 |
| RY200C090 | 188,26 | 200 | 250 | 226 | 240 | 419 | 1 |
| RY250C090 | 227,68 | 250 | 300 | 251 | 265 | 469 | 1 |
| RY300C090 | 252,74 | 300 | 350 | 276 | 290 | 519 | 1 |
| RY350C090 | 347,40 | 350 | 400 | 301 | 315 | 569 | 1 |

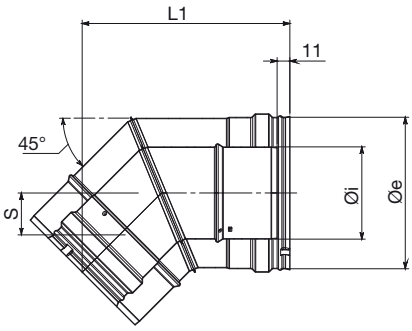


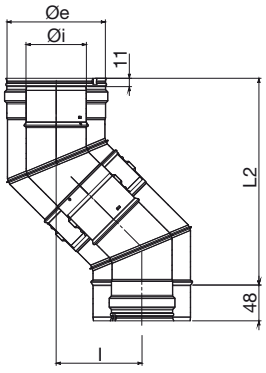

## C045

# Curva a 45°

*Bend 45°*

*Coude 45°*



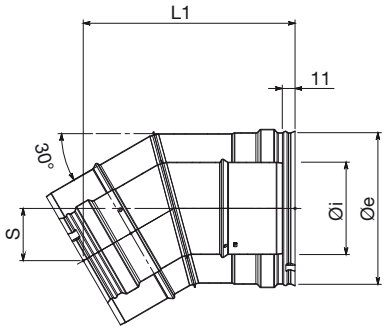

| codice<br>*code*<br>*code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| RY080C045 | 71,94 | 80 | 130 | 181 | 266 | 32 | 123 | 1 |
| RY100C045 | 76,95 | 100 | 150 | 187 | 280 | 35 | 130 | 1 |
| RY130C045 | 87,60 | 130 | 180 | 201 | 307 | 40 | 141 | 1 |
| RY150C045 | 95,88 | 150 | 200 | 206 | 317 | 42 | 145 | 1 |
| RY180C045 | 111,63 | 180 | 230 | 216 | 338 | 47 | 154 | 1 |
| RY200C045 | 125,91 | 200 | 250 | 226 | 351 | 49 | 159 | 1 |
| RY250C045 | 153,35 | 250 | 300 | 241 | 380 | 57 | 165 | 1 |
| RY300C045 | 194,15 | 300 | 350 | 259 | 417 | 64 | 180 | 1 |
| RY350C045 | 230,94 | 350 | 400 | 276 | 451 | 72 | 194 | 1 |

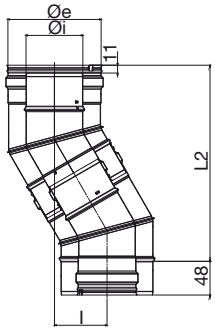
## C030

# Curva a 30°

*Bend 30°*

*Coude 30°*




| codice *code code* | € | Øi | Øe | L1 | L2 | S | l | |
|---|---|---|---|---|---|---|---|---|
| RY080C030 | 71,94 | 80 | 130 | 185 | 277 | 50 | 74 | 1 |
| RY100C030 | 76,95 | 100 | 150 | 190 | 287 | 55 | 76 | 1 |
| RY130C030 | 90,34 | 130 | 180 | 195 | 301 | 55 | 80 | 1 |
| RY150C030 | 95,88 | 150 | 200 | 200 | 312 | 60 | 83 | 1 |
| RY180C030 | 111,63 | 180 | 230 | 208 | 326 | 60 | 87 | 1 |
| RY200C030 | 125,91 | 200 | 250 | 213 | 336 | 65 | 96 | 1 |
| RY250C030 | 153,35 | 250 | 300 | 225 | 361 | 65 | 96 | 1 |
| RY300C030 | 194,15 | 300 | 350 | 240 | 386 | 70 | 103 | 1 |
| RY350C030 | 230,94 | 350 | 400 | 250 | 412 | 70 | 110 | 1 |

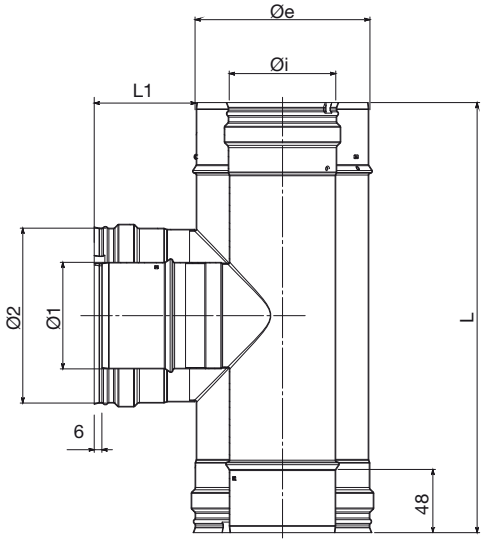
**N.B.** Saldature a rullo solo per la serie C030

## T090

# Raccordo a T 90° (stacco maschio)

*T 90° Pipe fitting (male coupler)*

*Raccord en T 90° (coupleur mâle)*

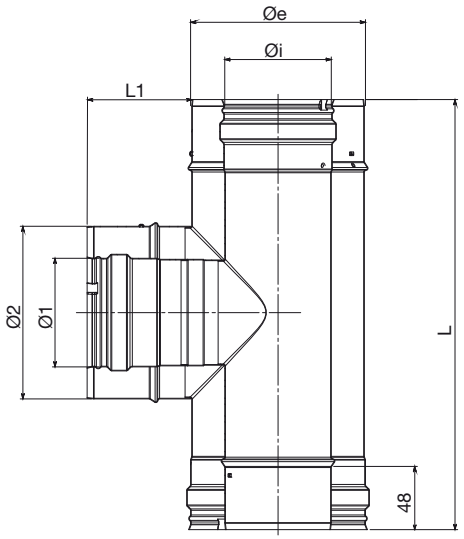



| codice *code code* | € | Øi | Øe | $Ø_1/Ø_2$ | L1 | L | |
|---|---|---|---|---|---|---|---|
| RY080T090 | 137,56 | 80 | 130 | 80/130 | 77 | 325 | 1 |
| RY100T090 | 147,35 | 100 | 150 | 100/150 | 77 | 325 | 1 |
| RY130T090 | 160,09 | 130 | 180 | 130/180 | 77 | 325 | 1 |
| RY150T090 | 171,73 | 150 | 200 | 150/200 | 77 | 495 | 1 |
| RY180T090 | 190,82 | 180 | 230 | 180/230 | 77 | 495 | 1 |
| RY200T090 | 198,81 | 200 | 250 | 200/250 | 77 | 495 | 1 |
| RY250T090 | 256,34 | 250 | 300 | 250/300 | 77 | 495 | 1 |
| RY300T090 | 341,26 | 300 | 350 | 300/350 | 77 | 495 | 1 |
| RY350T090 | 508,67 | 350 | 400 | 350/400 | 77 | 545 | 1 |

## RACT

### Raccordo a T 90° F/F (stacco femmina)

*T 90°Pipe fitting F/F (female coupler)*
*Raccord en T 90° F/F (coupleur femelle)*

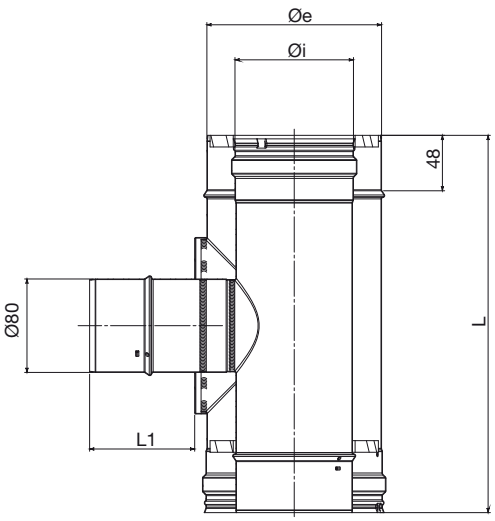



| codice<br>*code*<br>*code* | € | Øi | Øe | Ø1/Ø2 | L1 | L | |
|---|---|---|---|---|---|---|---|
| RY080RACT | 137,56 | 80 | 130 | 80/130 | 80 | 325 | 1 |
| RY100RACT | 147,35 | 100 | 150 | 100/150 | 80 | 325 | 1 |
| RY130RACT | 160,09 | 130 | 180 | 130/180 | 80 | 325 | 1 |
| RY150RACT | 171,73 | 150 | 200 | 150/200 | 80 | 495 | 1 |
| RY180RACT | 190,82 | 180 | 230 | 180/230 | 80 | 495 | 1 |
| RY200RACT | 198,81 | 200 | 250 | 200/250 | 80 | 495 | 1 |
| RY250RACT | 256,34 | 250 | 300 | 250/300 | 80 | 495 | 1 |
| RY300RACT | 341,26 | 300 | 350 | 300/350 | 80 | 495 | 1 |
| RY350RACT | 508,67 | 350 | 400 | 350/400 | 80 | 545 | 1 |

## T90R

### Raccordo a T 90° ridotto Ø 80 (stacco maschio)

*T 90° Reduced pipe fitting Ø 80 (male coupler)*
*Raccord réduit en T 90° Ø 80 (coupleur mâle)*

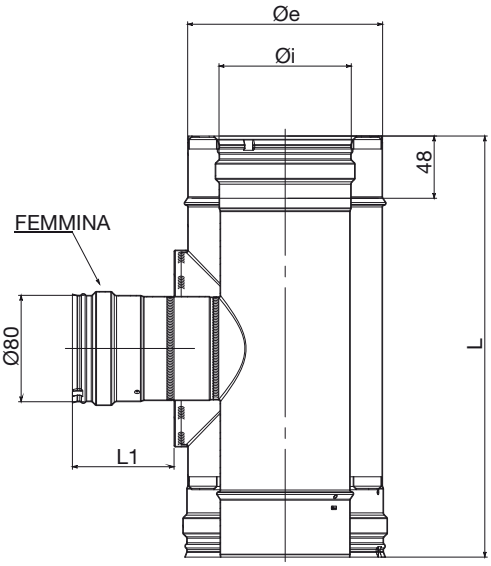



| codice<br>*code*<br>*code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| RY100T90R | 117,23 | 100 | 150 | 325 | 91 | 1 |
| RY130T90R | 136,85 | 130 | 180 | 325 | 91 | 1 |
| RY150T90R | 143,39 | 150 | 200 | 495 | 91 | 1 |
| RY180T90R | 165,78 | 180 | 230 | 495 | 91 | 1 |
| RY200T90R | 192,61 | 200 | 250 | 495 | 91 | 1 |
| RY250T90R | 227,06 | 250 | 300 | 495 | 91 | 1 |
| RY300T90R | 307,54 | 300 | 350 | 495 | 91 | 1 |
| RY350T90R | 338,10 | 350 | 400 | 545 | 91 | 1 |

## T90F

### Raccordo a T 90° ridotto Ø 80 (stacco femmina)

*T 90° Reduced pipe fitting Ø 80 (female coupler)*
*Raccord réduit en T 90° Ø 80 (coupleur femelle)*

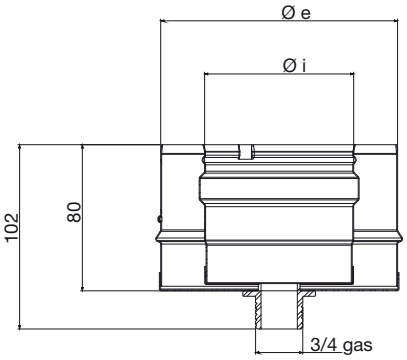



| codice *code code* | € | Øi | Øe | L | L1 | |
|---|---|---|---|---|---|---|
| RY100T90F | 117,23 | 100 | 150 | 325 | 91 | 1 |
| RY130T90F | 136,85 | 130 | 180 | 325 | 91 | 1 |
| RY150T90F | 143,39 | 150 | 200 | 495 | 91 | 1 |
| RY180T90F | 165,78 | 180 | 230 | 495 | 91 | 1 |
| RY200T90F | 192,61 | 200 | 250 | 495 | 91 | 1 |
| RY250T90F | 227,06 | 250 | 300 | 495 | 91 | 1 |
| RY300T90F | 307,54 | 300 | 350 | 495 | 91 | 1 |
| RY350T90F | 338,10 | 350 | 400 | 545 | 91 | 1 |

## TC85

### Tappo raccogli condensa

*Collecting condensate plug*
*Bouchon de récupére condensation*

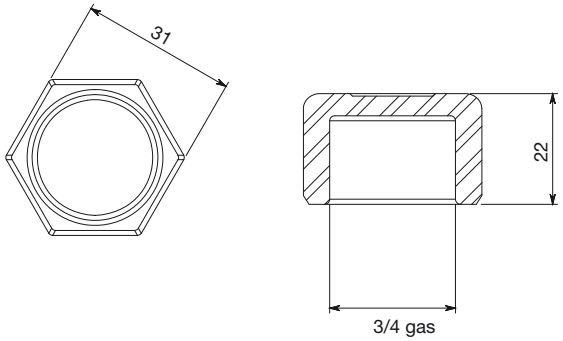



| codice *code code* | € | Øi | Øe | |
|---|---|---|---|---|
| RY080TC85 | 60,26 | 80 | 130 | 1 |
| RY100TC85 | 64,95 | 100 | 150 | 1 |
| RY130TC85 | 69,15 | 130 | 180 | 1 |
| RY150TC85 | 70,70 | 150 | 200 | 1 |
| RY180TC85 | 73,00 | 180 | 230 | 1 |
| RY200TC85 | 74,46 | 200 | 250 | 1 |
| RY250TC85 | 82,29 | 250 | 300 | 1 |
| RY300TC85 | 88,52 | 300 | 350 | 1 |
| RY350TC85 | 103,03 | 350 | 400 | 1 |

## TAFE

### Tappo femmina AISI 316 3/4 gas

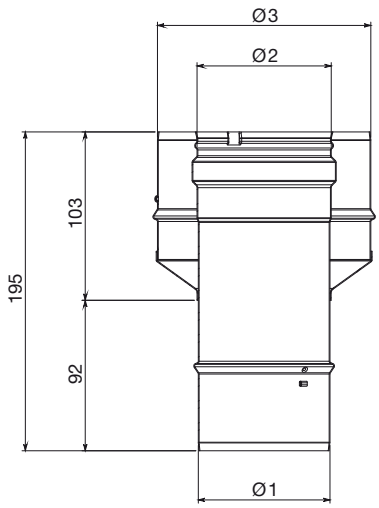
*Female plug AISI 316 3/4 gas*
*Bouchon femelle AISI 316 3/4 gas*




| codice *code code* | € | |
|---|---|---|
| IUNVTAFE | 5,78 | 1 |

## ADT1

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

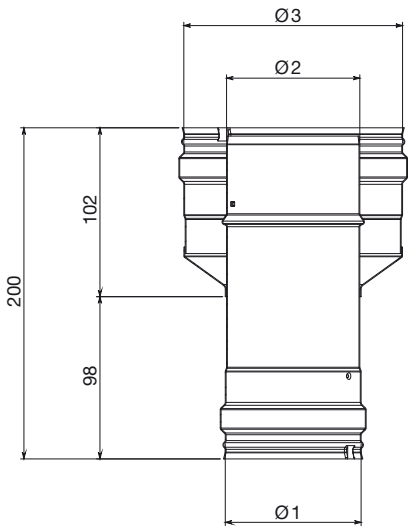



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| RY080ADT1 | 47,22 | 80 M | 80F | 130M | 1 |
| RY100ADT1 | 52,16 | 100M | 100F | 150M | 1 |
| RY130ADT1 | 55,13 | 130M | 130F | 180M | 1 |
| RY150ADT1 | 62,31 | 150M | 150F | 200M | 1 |
| RY180ADT1 | 70,89 | 180M | 180F | 230M | 1 |
| RY200ADT1 | 81,51 | 200M | 200F | 250M | 1 |
| RY250ADT1 | 103,36 | 250M | 250F | 300M | 1 |
| RY300ADT1 | 127,03 | 300M | 300F | 350M | 1 |
| RY350ADT1 | 135,37 | 350M | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT2

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

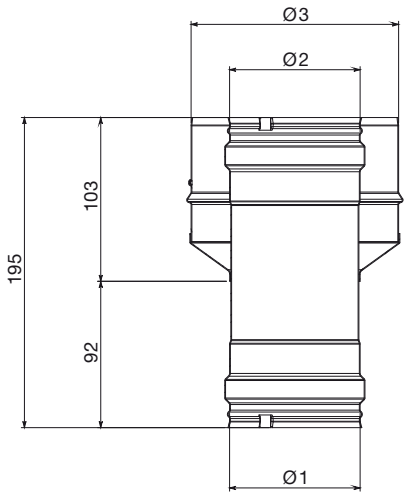



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| RY080ADT2 | 47,22 | 80F | 80M | 130F | 1 |
| RY100ADT2 | 52,16 | 100F | 100M | 150F | 1 |
| RY130ADT2 | 55,13 | 130F | 130M | 180F | 1 |
| RY150ADT2 | 62,31 | 150F | 150M | 200F | 1 |
| RY180ADT2 | 70,89 | 180F | 180M | 230F | 1 |
| RY200ADT2 | 81,51 | 200F | 200M | 250F | 1 |
| RY250ADT2 | 103,36 | 250F | 250M | 300F | 1 |
| RY300ADT2 | 127,03 | 300F | 300M | 350F | 1 |
| RY350ADT2 | 135,37 | 350F | 350M | 400F | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT3

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*

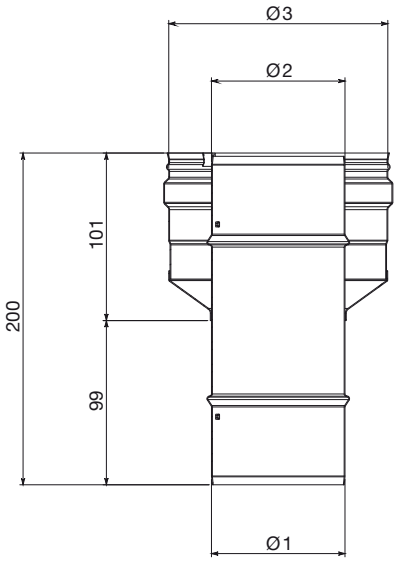



| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| RY080ADT3 | 47,22 | 80F | 80F | 130M | 1 |
| RY100ADT3 | 52,16 | 100F | 100F | 150M | 1 |
| RY130ADT3 | 55,13 | 130F | 130F | 180M | 1 |
| RY150ADT3 | 62,31 | 150F | 150F | 200M | 1 |
| RY180ADT3 | 70,89 | 180F | 180F | 230M | 1 |
| RY200ADT3 | 81,51 | 200F | 200F | 250M | 1 |
| RY250ADT3 | 103,36 | 250F | 250F | 300M | 1 |
| RY300ADT3 | 127,03 | 300F | 300F | 350M | 1 |
| RY350ADT3 | 135,37 | 350F | 350F | 400M | 1 |

**M - maschio** *male mâle*
**F - femmina** *female femelle*

## ADT4

### Adattatore mono-doppia
*Adaptor single-double wall*
*Adaptateur simple-double parois*




| codice *code code* | € | Ø1 | Ø2 | Ø3 | |
|---|---|---|---|---|---|
| RY080ADT4 | 47,22 | 80M | 80M | 130F | 1 |
| RY100ADT4 | 52,16 | 100M | 100M | 150F | 1 |
| RY130ADT4 | 55,13 | 130M | 130M | 180F | 1 |
| RY150ADT4 | 62,31 | 150M | 150M | 200F | 1 |
| RY180ADT4 | 70,89 | 180M | 180M | 230F | 1 |
| RY200ADT4 | 81,51 | 200M | 200M | 250F | 1 |
| RY250ADT4 | 103,36 | 250M | 250M | 300F | 1 |
| RY300ADT4 | 127,03 | 300M | 300M | 350F | 1 |
| RY350ADT4 | 135,37 | 350M | 350M | 400F | 1 |

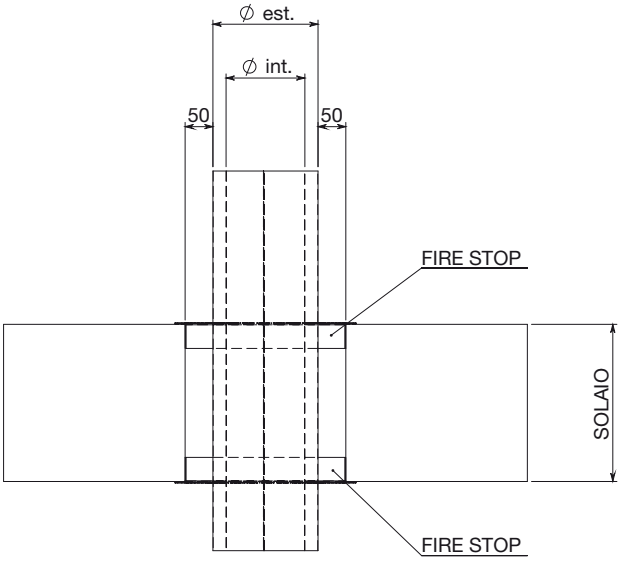
**M - maschio** *male mâle*
**F - femmina** *female femelle*

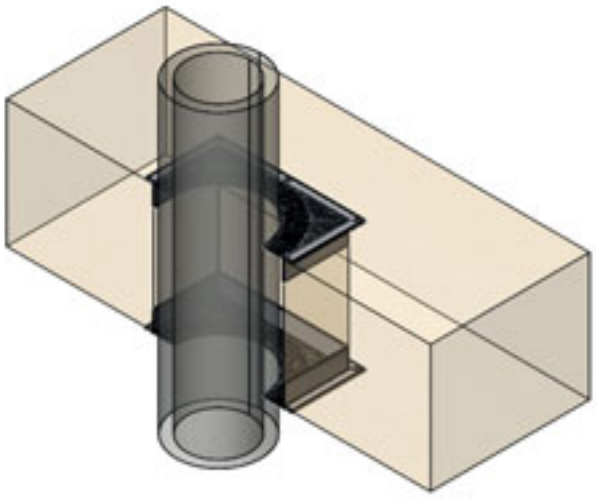
# FIRE STOP

**Il Fire stop è un sistema composto da due solide piastre costruite in acciaio zincato , che sono posizionate nella parte superiore e inferiore dei solai. Secondo le regolamentazioni britanniche in materia di edilizia, quando una canna fumaria passa attraverso un piano o un soffitto, l'installazione deve essere completata da un Fire stop realizzato in materiale non combustibile. Le piastre possono essere ventilate, o meglio provviste di fessure e fori per il passaggio dell'aria (utilizzo per interni e vicinanza a materiali sensibili al calore), e non ventilate (totalmente chiuse, per chiudere camini in refrattario). L'installazione del Fire stop ha lo scopo di prevenire contatti di calore diretti, mantenendo concentrica la canna fumaria rispetto al cavedio. Il prodotto è stato sottoposto ai test termici di temperatura e ai test di resistenza al fuoco, secondo la normativa europea BS EN 1856 -1:2009 & BS 476: PART 20:1987 , e ha conseguito la seguente designazione tecnica: T450 N1 D V2 L50050 G(50)**

*The **Fire Stop** is a system composed of two solid plates made of galvanized steel, which are located in the upper and lower floors. According to British regulations on construction, when a chimney passes through a floor or ceiling, the installation must be completed by a Fire Stop made of non-combustible material. The plates can be ventilated, or better provided with slots and holes for the passage of air (for internal use and proximity to heat sensitive materials), and non-ventilated (fully closed, to close refractory chimneys). The installation of Fire Stop is designed to prevent direct contact heat, maintaining the flue chimney concentric in the seat of the flue pipes . The product was subjected to thermal testing temperature and fire resistance tests, according to European Standard BS EN 1856 – 1:2009 & BS 476: PART 20:1987, and holds the following technical designation: T450 N1 D V2 L50050 G (50)*

*La **Plaque d'écart au feux** est un système composé par deux plaques solides en acier galvanisé, qui sont situées dans les étages supérieurs et inférieurs. Selon la réglementation européenne sur la construction, où une cheminée traverse un plancher ou un plafond, l'installation doit être complétée par la Plaque d'écart au feux faite d'un matériau incombustible. Les plaques peuvent être ventilés, ou mieux pourvues de fentes et de trous pour le passage de l'air (à usage interne et en proximité de matériaux thermosensibles), et non ventilés (totalement fermées, pour fermer les cheminées réfractaires). L'installation des Plaques d'écart au feux est conçue pour empêcher les contacts directs à la chaleur, en maintenant concentrique le conduit de fumée par rapport à la zone du passage de la cheminée. Le produit a été soumis aux essais thermiques de température et aux tests de résistance au feu, selon la norme européenne BS EN 1856 -1:2009 & BS 476: PART 20:1987, et détient la désignation technique suivante: T450 N1 D V2 L50050 G (50)*



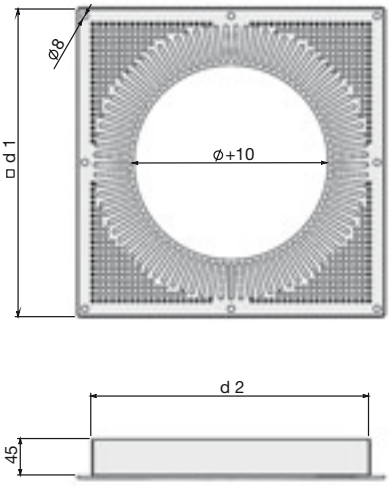



## FST1

# Fire stop areato

*Ventilated fire stop*

*Plaque d'écart au feux ventilée*



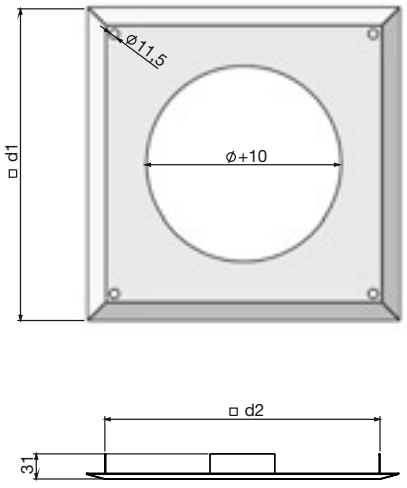

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| RZ180FST1 | 38,45 | 180 | 327 | 289 | 2 |
| RZ200FST1 | 40,75 | 200 | 347 | 309 | 2 |
| RZ230FST1 | 43,60 | 230 | 377 | 399 | 2 |
| RZ250FST1 | 50,00 | 250 | 397 | 359 | 2 |

## FST2

# Fire stop non areato

*Non-ventilated fire stop*

*Plaque d'écart au feux non ventilée*



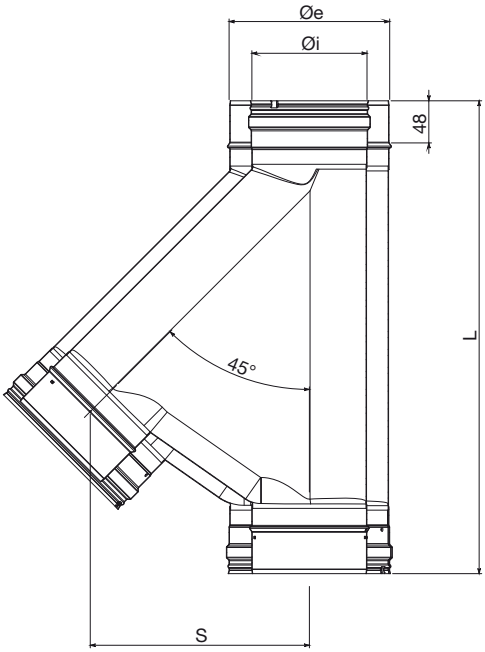

| codice<br>*code*<br>*code* | € | Ø | d1 | d2 | |
|---|---|---|---|---|---|
| RZ180FST2 | 38,45 | 180 | 333 | 290 | 2 |
| RZ200FST2 | 40,75 | 200 | 352 | 309 | 2 |
| RZ230FST2 | 43,60 | 230 | 385 | 340 | 2 |
| RZ250FST2 | 50,00 | 250 | 405 | 360 | 2 |

## T135

# Raccordo a T135°

*T 135° Pipe Fitting*

*Raccord en T 135°*



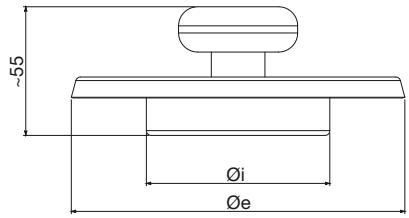

| codice<br>*code*<br>*code* | € | Øi | Øe | S | L | |
|---|---|---|---|---|---|---|
| RY080T135 | 261,37 | 80 | 130 | 230 | 470 | 1 |
| RY100T135 | 285,56 | 100 | 150 | 250 | 505 | 1 |
| RY130T135 | 326,55 | 130 | 180 | 270 | 545 | 1 |
| RY150T135 | 356,19 | 150 | 200 | 290 | 575 | 1 |
| RY180T135 | 409,91 | 180 | 230 | 315 | 610 | 1 |
| RY200T135 | 438,76 | 200 | 250 | 330 | 640 | 1 |
| RY250T135 | 561,03 | 250 | 300 | 370 | 710 | 1 |
| RY300T135 | 735,59 | 300 | 350 | 420 | 785 | 1 |
| RY350T135 | 892,58 | 350 | 400 | 500 | 930 | 1 |

## TIDP

# Tappo per ispezione

*Plug for inspection*

*Trappe d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | |
|---|---|---|---|---|
| RI080TIDP | 20,29 | 80 | 130 | 1 |
| RI100TIDP | 22,37 | 100 | 150 | 1 |
| RI130TIDP | 26,86 | 130 | 180 | 1 |
| RI150TIDP | 29,81 | 150 | 200 | 1 |
| RI180TIDP | 38,74 | 180 | 230 | 1 |
| RI200TIDP | 42,41 | 200 | 250 | 1 |
| RI250TIDP | 67,62 | 250 | 300 | 1 |

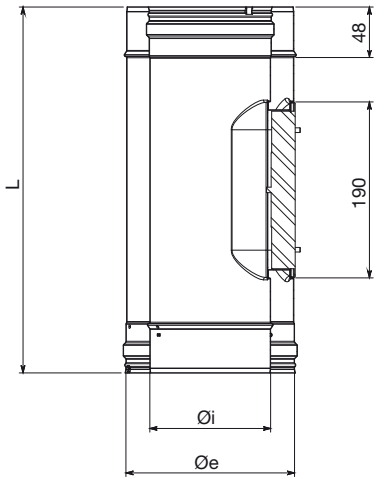
Da applicare su T090 e RACT

*To apply on T090 and RACT*

*Appliquer à T090 et RACT*

## IQ24

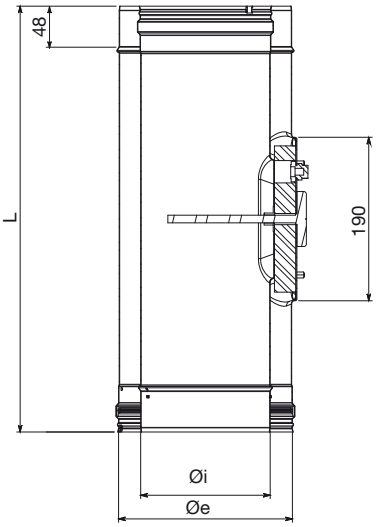
### Modulo raccolta incombusti
*Unburnt materials collecting box*
*Module de recueil des suies*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| RY130IQ24 | 233,43 | 130 | 180 | 395 | 1 |
| RY150IQ24 | 246,46 | 150 | 200 | 395 | 1 |
| RY180IQ24 | 270,22 | 180 | 230 | 495 | 1 |
| RY200IQ24 | 279,31 | 200 | 250 | 495 | 1 |
| RY250IQ24 | 313,58 | 250 | 300 | 495 | 1 |

## CF32

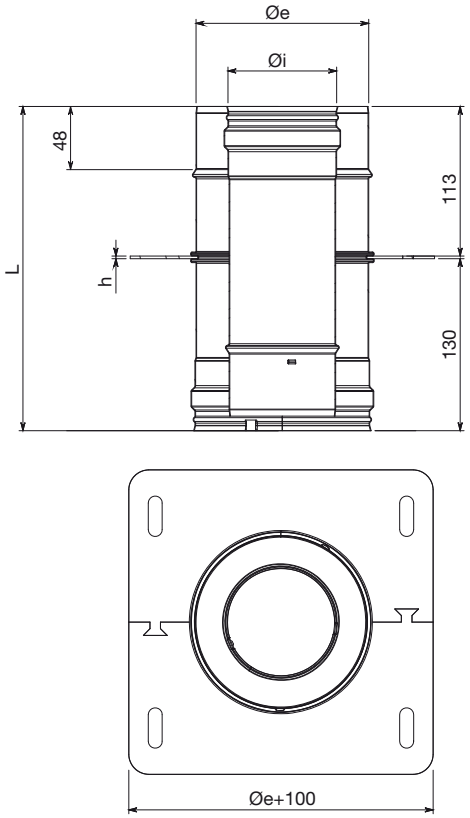
### Modulo rilevamento fumi ed ispezioni
*Module smoke detection and inspection*
*Module détection de fumée et d'inspection*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| RY130CF32 | 274,88 | 130 | 180 | 395 | 1 |
| RY150CF32 | 286,84 | 150 | 200 | 395 | 1 |
| RY180CF32 | 308,78 | 180 | 230 | 495 | 1 |
| RY200CF32 | 317,15 | 200 | 250 | 495 | 1 |
| RY250CF32 | 334,13 | 250 | 300 | 495 | 1 |

## PB10

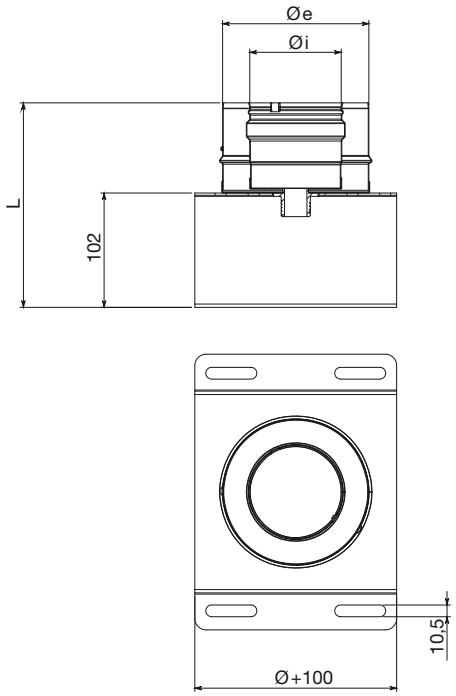
### Piastra con elemento dritto
*Plate with straight element*
*Plaque avec élément droit*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | h | |
|---|---|---|---|---|---|---|
| RY080PB10 | 100,22 | 80 | 130 | 245 | 2 | 1 |
| RY100PB10 | 108,31 | 100 | 150 | 245 | 2 | 1 |
| RY130PB10 | 117,01 | 130 | 180 | 245 | 2 | 1 |
| RY150PB10 | 124,21 | 150 | 200 | 245 | 2 | 1 |
| RY180PB10 | 130,81 | 180 | 230 | 245 | 2 | 1 |
| RY200PB10 | 143,89 | 200 | 250 | 245 | 3 | 1 |
| RY250PB10 | 148,84 | 250 | 300 | 245 | 3 | 1 |
| RY300PB10 | 165,03 | 300 | 350 | 245 | 3 | 1 |
| RY350PB10 | 178,11 | 350 | 400 | 245 | 3 | 1 |

## PA26

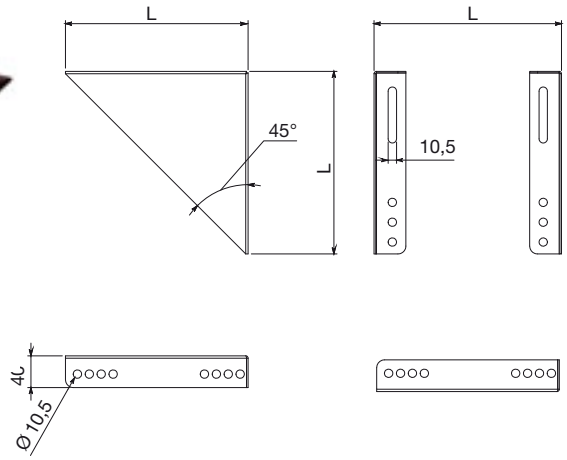
### Piastra ancoraggio con scarico
*Anchorage plate with draining*
*Plaque d'ancrage avec évacuation*




| codice<br>*code*<br>*code* | € | Øi | Øe | L | |
|---|---|---|---|---|---|
| RY080PA26 | 104,60 | 80 | 130 | 190 | 1 |
| RY100PA26 | 117,30 | 100 | 150 | 190 | 1 |
| RY130PA26 | 122,73 | 130 | 180 | 190 | 1 |
| RY150PA26 | 128,80 | 150 | 200 | 190 | 1 |
| RY180PA26 | 135,70 | 180 | 230 | 190 | 1 |
| RY200PA26 | 149,50 | 200 | 250 | 190 | 1 |
| RY250PA26 | 182,16 | 250 | 300 | 190 | 1 |
| RY300PA26 | 221,72 | 300 | 350 | 190 | 1 |
| RY350PA26 | 292,79 | 350 | 400 | 190 | 1 |

## SM13

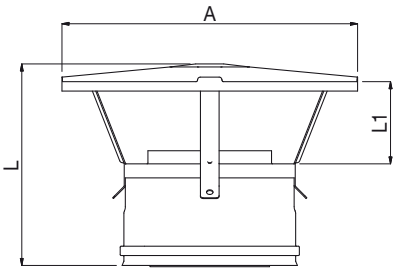
### Supporto murale
*Wall support*
*Support mural*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| RJ130SM13 | 38,18 | 130 | 230 | 1 |
| RJ150SM13 | 46,00 | 150 | 250 | 1 |
| RJ180SM13 | 50,60 | 180 | 280 | 1 |
| RJ200SM13 | 57,50 | 200 | 300 | 1 |
| RJ230SM13 | 66,70 | 230 | 330 | 1 |
| RJ250SM13 | 73,60 | 250 | 350 | 1 |
| RJ300SM13 | 78,20 | 300 | 400 | 1 |
| RJ350SM13 | 103,50 | 350 | 450 | 1 |
| RJ400SM13 | 121,29 | 400 | 500 | 1 |

## CC06

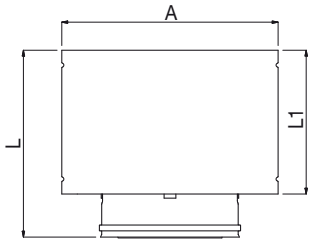
### Terminale cinese
*Rain ending part*
*Terminal chinois*




| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| RY080CC06 | 60,79 | 80/130 | 265 | 195 | 70 | 1 |
| RY100CC06 | 66,73 | 100/150 | 265 | 200 | 75 | 1 |
| RY130CC06 | 87,58 | 130/180 | 320 | 215 | 90 | 1 |
| RY150CC06 | 91,47 | 150/200 | 320 | 225 | 100 | 1 |
| RY180CC06 | 119,46 | 180/230 | 400 | 235 | 110 | 1 |
| RY200CC06 | 124,07 | 200/250 | 400 | 250 | 125 | 1 |
| RY250CC06 | 164,31 | 250/300 | 500 | 275 | 150 | 1 |
| RY300CC06 | 202,25 | 300/350 | 600 | 300 | 175 | 1 |

## CAPE

### Terminale antivento
*Windproof ending part*
*Terminal anti-vent*



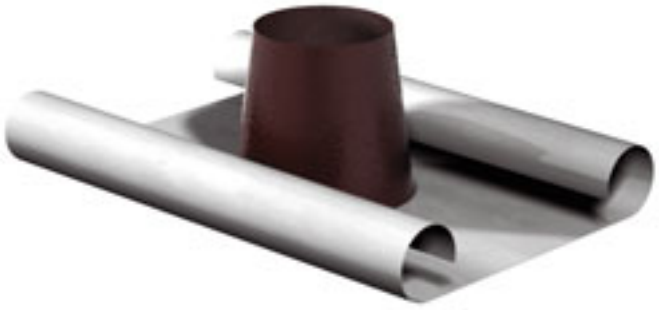

| codice<br>*code*<br>*code* | € | Ø | A | L | L1 | |
|---|---|---|---|---|---|---|
| RY080CAPE | 72,09 | 80/130 | 220 | 240 | 165 | 1 |
| RY100CAPE | 84,02 | 100/150 | 260 | 260 | 200 | 1 |
| RY130CAPE | 103,89 | 130/180 | 300 | 280 | 200 | 1 |
| RY150CAPE | 112,99 | 150/200 | 310 | 320 | 250 | 1 |
| RY180CAPE | 142,03 | 180/230 | 370 | 340 | 250 | 1 |
| RY200CAPE | 147,22 | 200/250 | 420 | 340 | 250 | 1 |
| RY250CAPE | 189,15 | 250/300 | 470 | 400 | 310 | 1 |
| RY300CAPE | 221,58 | 300/350 | 530 | 400 | 310 | 1 |
| RY350CAPE | 255,99 | 350/400 | 610 | 500 | 415 | 1 |

# FP23/24

## Faldale per tetti piani in alluminio

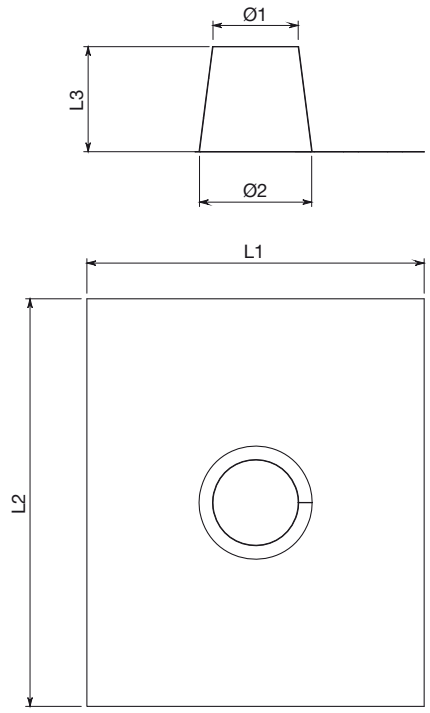
*Aluminium flashing for flat roofs*

*Solin en aluminium pour toits plats*



*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| RJ130FP23 | 57,39 | 130 | 150 | 300 | 450 | 130 | 1 |
| RJ150FP23 | 61,88 | 150 | 170 | 340 | 550 | 160 | 1 |
| RJ180FP23 | 82,18 | 180 | 200 | 370 | 650 | 170 | 1 |
| RJ200FP23 | 88,50 | 200 | 220 | 400 | 650 | 200 | 1 |
| RJ230FP23 | 101,43 | 230 | 250 | 420 | 650 | 200 | 1 |
| RJ250FP23 | 109,04 | 250 | 270 | 430 | 650 | 200 | 1 |
| RJ300FP23 | 111,98 | 300 | 320 | 500 | 750 | 230 | 1 |
| RJ350FP23 | 116,10 | 350 | 370 | 530 | 750 | 260 | 1 |
| RJ400FP23 | 190,19 | 400 | 420 | 560 | 800 | 260 | 1 |




*PIOMBO LEAD PLOMB*

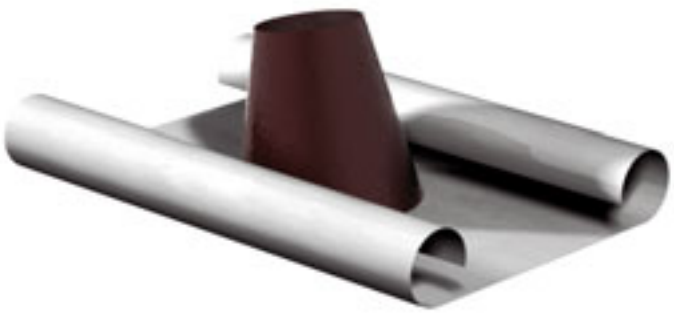
| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| RJ130FP24 | 171,40 | 130 | 150 | 500 | 700 | 1 |
| RJ150FP24 | 227,70 | 150 | 170 | 700 | 1000 | 1 |
| RJ180FP24 | 239,20 | 180 | 200 | 700 | 1000 | 1 |
| RJ200FP24 | 257,60 | 200 | 220 | 800 | 1000 | 1 |
| RJ230FP24 | 289,80 | 230 | 250 | 800 | 1000 | 1 |
| RJ250FP24 | 299,00 | 250 | 270 | 800 | 1000 | 1 |
| RJ300FP24 | 363,40 | 300 | 320 | 1000 | 1000 | 1 |
| RJ350FP24 | 428,49 | 350 | 370 | 1000 | 1000 | 1 |

# FI20/21

## Faldale per tetti inclinati 10-35° in alluminio

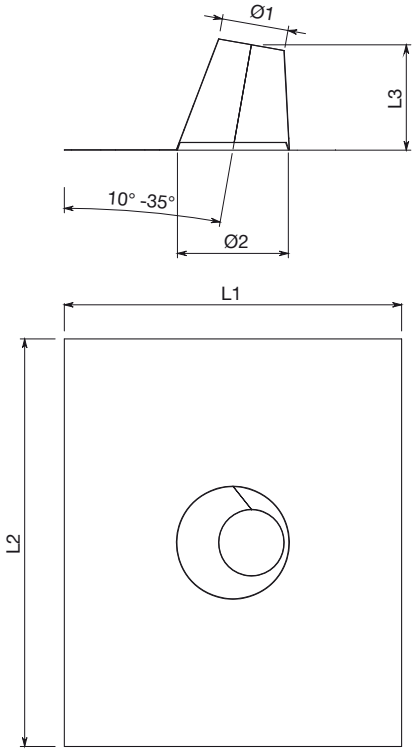
*Aluminium flashing for sloped roofs from 10° to 35°*

*Solin en aluminium pour toits inclinés de 10° à 35°*



*ALLUMINIO ALUMINIUM ALUMINIUM*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|---|
| RJ130FI20 | 54,20 | 130 | 150 | 300 | 450 | 150 | 1 |
| RJ150FI20 | 59,52 | 150 | 170 | 340 | 550 | 160 | 1 |
| RJ180FI20 | 71,40 | 180 | 200 | 370 | 650 | 170 | 1 |
| RJ200FI20 | 82,24 | 200 | 220 | 400 | 650 | 200 | 1 |
| RJ230FI20 | 93,93 | 230 | 250 | 420 | 650 | 200 | 1 |
| RJ250FI20 | 98,07 | 250 | 270 | 430 | 650 | 200 | 1 |
| RJ300FI20 | 101,36 | 300 | 320 | 500 | 750 | 230 | 1 |
| RJ350FI20 | 110,71 | 350 | 370 | 530 | 750 | 260 | 1 |
| RJ400FI20 | 188,23 | 400 | 420 | 560 | 800 | 260 | 1 |




*PIOMBO LEAD PLOMB*

| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | L1 | L2 | |
|---|---|---|---|---|---|---|
| RJ130FI21 | 171,40 | 130 | 150 | 500 | 700 | 1 |
| RJ150FI21 | 227,70 | 150 | 170 | 700 | 1000 | 1 |
| RJ180FI21 | 239,20 | 180 | 200 | 700 | 1000 | 1 |
| RJ200FI21 | 257,60 | 200 | 220 | 800 | 1000 | 1 |
| RJ230FI21 | 289,80 | 230 | 290 | 800 | 1000 | 1 |
| RJ250FI21 | 299,00 | 250 | 270 | 800 | 1000 | 1 |
| RJ300FI21 | 363,40 | 300 | 320 | 1000 | 1000 | 1 |
| RJ350FI21 | 428,49 | 350 | 370 | 1000 | 1000 | 1 |

## FI30

# Faldale con base in gomma per tetti inclinati da 5° a 32°

*Flashing with rubber base for sloped roofs from 5° to 32°*

*Solin avec base en gomme pour toits inclinés de 5° à 32°*

| codice<br>*code*<br>*code* | € | Ø1 | L1 | L2 | L3 | |
|---|---|---|---|---|---|---|
| RJ130FI30 | 112,63 | 130 | 560 | 688 | 150 | 1 |
| RJ150FI30 | 124,71 | 150 | 560 | 715 | 160 | 1 |
| RJ180FI30 | 162,13 | 180 | 625 | 1006 | 170 | 1 |
| RJ200FI30 | 166,39 | 200 | 625 | 1006 | 200 | 1 |
| RJ230FI30 | 192,11 | 230 | 688 | 1006 | 200 | 1 |
| RJ250FI30 | 200,53 | 250 | 715 | 1006 | 200 | 1 |
| RJ300FI30 | 209,06 | 300 | 715 | 1006 | 230 | 1 |
| RJ350FI30 | 226,12 | 350 | 800 | 1006 | 260 | 1 |
| RJ400FI30 | 243,19 | 400 | 800 | 1006 | 260 | 1 |

Apros è sempre attenta ai nuovi materiali che consentono un'installazione rapida, sicura e duratura nel tempo.
Vi presentiamo il nuovo faldale in gomma extra-flex, con base adesiva, molto malleabile e adattabile ad ogni tipologia di tetto inclinato da 5° a 32°.

*Apros is always attentive to new materials, that allow a quick, safe and lasting installation.*
*We introduce you the new flashing in extra-flex rubber, with adhesive base, which is very malleable and adaptable to any type of sloped roof from 5° to 32°.*

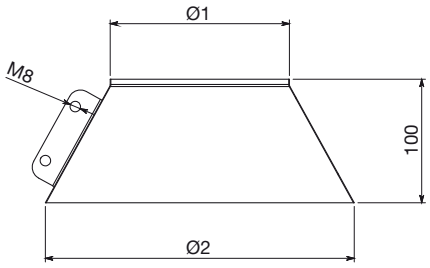
*APROS est toujours attentive aux nouveaux matériaux qui permettent une installation rapide, sûre et durable.*
*Nous présentons le nouveau solin supplémentaires en extra-flex gomme, avec base adhésive, qui est très malléable et adaptable à chaque typologie de toit en pente de 5° à 32°.*

## SS22

# Scossalina

*Collar*

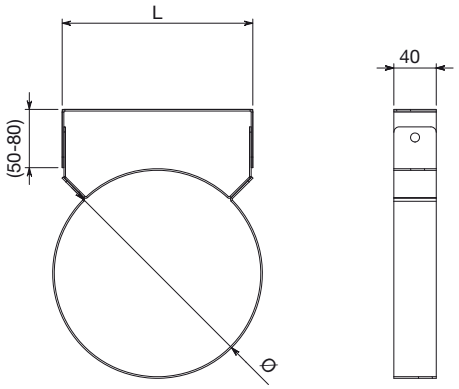
*Collerette de solin*




| codice<br>*code*<br>*code* | € | Ø1 | Ø2 | |
|---|---|---|---|---|
| RJ130SS22 | 21,46 | 130 | 230 | 1 |
| RJ150SS22 | 23,00 | 150 | 250 | 1 |
| RJ180SS22 | 30,36 | 180 | 280 | 1 |
| RJ200SS22 | 30,36 | 200 | 300 | 1 |
| RJ230SS22 | 34,32 | 230 | 330 | 1 |
| RJ250SS22 | 37,96 | 250 | 350 | 1 |
| RJ300SS22 | 42,39 | 300 | 400 | 1 |
| RJ350SS22 | 72,52 | 350 | 450 | 1 |
| RJ400SS22 | 103,68 | 400 | 600 | 1 |

## FM14

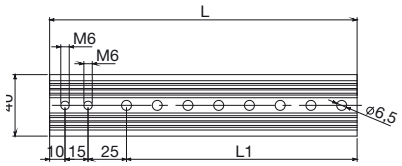
### Fascetta murale
*Wall clamp*
*Collier mural*




| codice<br>*code*<br>*code* | € | Ø | L | |
|---|---|---|---|---|
| RJ130FM14 | 20,46 | 130 | 130 | 1 |
| RJ150FM14 | 21,64 | 150 | 145 | 1 |
| RJ180FM14 | 26,67 | 180 | 165 | 1 |
| RJ200FM14 | 28,26 | 200 | 180 | 1 |
| RJ230FM14 | 31,88 | 230 | 200 | 1 |
| RJ250FM14 | 32,71 | 250 | 220 | 1 |
| RJ300FM14 | 39,23 | 300 | 250 | 1 |
| RJ350FM14 | 45,02 | 350 | 290 | 1 |
| RJ400FM14 | 52,62 | 400 | 350 | 1 |

## PSF1/2

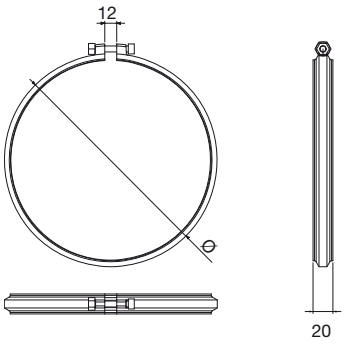
### Prolunga per fissaggio staffa
*Extension mounting bracket*
*Extension du support de montage*




| codice<br>*code*<br>*code* | € | L1 | |
|---|---|---|---|
| RJUNVPSF1 | 13,80 | 100 | 1 |
| RJUNVPSF2 | 17,25 | 200 | 1 |

## FB19

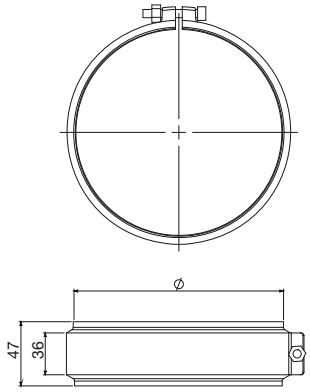
## Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| RJ130FB19 | 4,74 | 130 | 1 |
| RJ150FB19 | 4,78 | 150 | 1 |
| RJ180FB19 | 4,89 | 180 | 1 |
| RJ200FB19 | 6,28 | 200 | 1 |
| RJ230FB19 | 6,76 | 230 | 1 |
| RJ250FB19 | 6,83 | 250 | 1 |
| RJ300FB19 | 7,37 | 300 | 1 |
| RJ350FB19 | 9,79 | 350 | 1 |
| RJ400FB19 | 11,02 | 400 | 1 |

## FB36

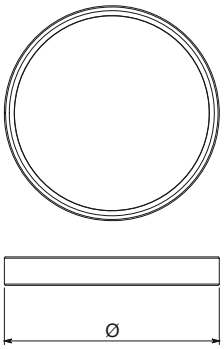
## Fascetta di bloccaggio
*Locking clamp*
*Collier de blocage*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| RJ130FB36 | 5,64 | 130 | 1 |
| RJ150FB36 | 5,80 | 150 | 1 |
| RJ180FB36 | 6,16 | 180 | 1 |
| RJ200FB36 | 6,34 | 200 | 1 |
| RJ230FB36 | 6,58 | 230 | 1 |
| RJ250FB36 | 6,83 | 250 | 1 |
| RJ300FB36 | 7,52 | 300 | 1 |
| RJ350FB36 | 8,33 | 350 | 1 |
| RJ400FB36 | 8,86 | 400 | 1 |

## GUAR

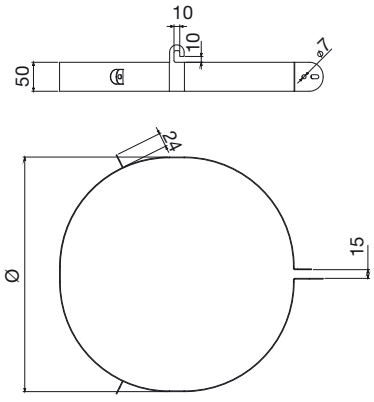
### Guarnizione al silicone nero
*Black silicone gasket*
*Joint au silicone noir*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080GUAR | 0,88 | 80 | 1 |
| I100GUAR | 1,21 | 100 | 1 |
| I130GUAR | 1,81 | 130 | 1 |
| I150GUAR | 2,33 | 150 | 1 |
| I180GUAR | 2,80 | 180 | 1 |
| I200GUAR | 3,57 | 200 | 1 |
| I230GUAR | 5,56 | 230 | 1 |
| I250GUAR | 6,03 | 250 | 1 |
| I300GUAR | 6,57 | 300 | 1 |
| I350GUAR | 7,34 | 350 | 1 |
| I400GUAR | 8,75 | 400 | 1 |

## CT25

### Fascia cavi tiranti e discesa
*Clamp for tie cables and descent*
*Collier pour hauban et descente*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| RJ130CT25 | 39,61 | 130 | 1 |
| RJ150CT25 | 39,61 | 150 | 1 |
| RJ180CT25 | 46,81 | 180 | 1 |
| RJ200CT25 | 46,81 | 200 | 1 |
| RJ230CT25 | 46,81 | 230 | 1 |
| RJ250CT25 | 46,81 | 250 | 1 |
| RJ300CT25 | 46,81 | 300 | 1 |
| RJ350CT25 | 61,36 | 350 | 1 |
| RJ400CT25 | 80,21 | 400 | 1 |

La flessibilità per qualsiasi esigenza

# Flex

**Apros SRL vi propone la nuova linea di tubo flessibile doppia parete, con interno liscio in inox AISI 316L**

Il tubo flessibile e i relativi giunti possono essere utilizzati nei collegamenti tra un tubo rigido e uno flessibile con entrambe le combinazioni maschio – femmina o nei collegamenti tra più tubi flessibili.

Il flessibile è impiegato nell'intubamento di camini per l'evacuazione dei fumi prodotti dalla combustione di caldaie a carburanti solidi, liquidi e gassosi, con funzionamento a secco in depressione o come condotto d'aria, ventilazione e condizionamento.

Tale prodotto non è mai idoneo quale canale da fumo.

Spessore: 0.10 mm

**Designazione tecnica:**
**EN1856-2 T450 N1 W V2 L50010 G**

***Apros SRL introduces the new line of double wall flexible pipes, with flat internal side in stainless steel AISI 316L***

*The flexible pipe and its joints can be used in connections between a stiff pipe and a flexible one, with both combinations male - female, or in the links between many flexible pipes.*

*Flex is used in the connection of chimneys for the evacuation of smokes produced by combustion of solid liquid and gaseous fuels boilers, operating dry in vacuum or as air duct, ventilation and air conditioning.*

*This product is never appropriate as a channel for smoke.*

*Thickness: 0.10 mm*

***Technical specification:***
***EN1856-2 T450 N1 W V2 L50010 G***

***APROS SRL offre une nouvelle gamme de tubage flexible à double paroi, à intérieur lisse en acier inox AISI 316L***

*Le tuyau flexible et ses raccords peuvent être utilisés dans les connections entre un tuyau rigide et un tuyau flexible avec les combinassions mâle - femelle, ou dans les connections avec plusieurs tuyaux flexibles.*

*Le Flex est utilisé dans les connections avec conduits pour l'évacuation des fumées produites par la combustion des chaudières à combustibles solides, liquides et gazeux, opérant à sec dans le vide ou comme conduit d'air, ventilation et climatisation.*

*Ce produit n'est jamais approprié comme un canal pour le fumée.*

*Epaisseur: 0.10 mm*

***Désignation technique:***
***EN1856-2 T450 N1 W V2 L50010 G***

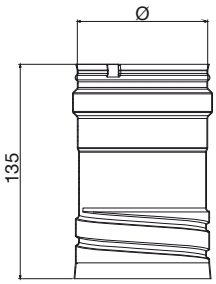
## FLDP

## Flex doppia parete
*Flexible pipe double wall*
*Tubage flexible double paroi*

| codice *code code* | € / mt | Ø | |
|---|---|---|---|
| I080FLDP | 28,52 | 80 | 30 mt |
| I100FLDP | 35,56 | 100 | 30 mt |
| I120FLDP | 42,62 | 120 | 30 mt |
| I130FLDP | 46,19 | 130 | 30 mt |
| I140FLDP | 49,87 | 140 | 30 mt |
| I150FLDP | 53,38 | 150 | 30 mt |
| I160FLDP | 56,87 | 160 | 30 mt |
| I180FLDP | 63,94 | 180 | 30 mt |
| I200FLDP | 70,90 | 200 | 25 mt |
| I220FLDP | 77,14 | 220 | 25 mt |
| I250FLDP | 84,48 | 250 | 20 mt |
| I300FLDP | 92,13 | 300 | 6 mt con film |

## FXFF

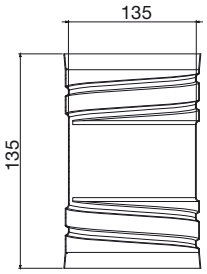
### Giunto flex rigido femmina
*Female stiff flex joint*
*Raccord flex rigide femelle*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080FXFF | 17,00 | 80 | 1 |
| I100FXFF | 18,64 | 100 | 1 |
| I120FXFF | 21,14 | 120 | 1 |
| I130FXFF | 22,01 | 130 | 1 |
| I140FXFF | 22,83 | 140 | 1 |
| I150FXFF | 23,70 | 150 | 1 |
| I160FXFF | 26,78 | 160 | 1 |
| I180FXFF | 27,80 | 180 | 1 |
| I200FXFF | 30,15 | 200 | 1 |
| I250FXFF | 35,43 | 250 | 1 |
| I300FXFF | 40,14 | 300 | 1 |

## FXMF

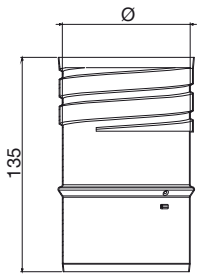
### Giunto flex-flex
*Joint flex-flex*
*Raccord flex-flex*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080FXMF | 18,02 | 80 | 1 |
| I100FXMF | 19,66 | 100 | 1 |
| I120FXMF | 22,17 | 120 | 1 |
| I130FXMF | 23,04 | 130 | 1 |
| I140FXMF | 23,86 | 140 | 1 |
| I150FXMF | 24,73 | 150 | 1 |
| I160FXMF | 27,80 | 160 | 1 |
| I180FXMF | 28,83 | 180 | 1 |
| I200FXMF | 31,18 | 200 | 1 |
| I220FXMF | 33,23 | 220 | 1 |
| I250FXMF | 36,45 | 250 | 1 |
| I300FXMF | 41,16 | 300 | 1 |

## FXMM

### Giunto flex rigido maschio
*Male stiff flex joint*
*Raccord flex rigide mâle*




| codice<br>*code*<br>*code* | € | Ø | |
|---|---|---|---|
| I080FXMM | 17,00 | 80 | 1 |
| I100FXMM | 18,64 | 100 | 1 |
| I120FXMM | 21,14 | 120 | 1 |
| I130FXMM | 22,01 | 130 | 1 |
| I140FXMM | 22,83 | 140 | 1 |
| I150FXMM | 23,70 | 150 | 1 |
| I160FXMM | 26,78 | 160 | 1 |
| I180FXMM | 27,80 | 180 | 1 |
| I200FXMM | 30,15 | 200 | 1 |
| I250FXMM | 35,43 | 250 | 1 |
| I300FXMM | 40,14 | 300 | 1 |

# La funzionalità che arreda

# Accessori

# **Tribal**fire

**CARATTERISTICHE TECNICHE STANDARD**

Rivestimento in acciaio decappato - Verniciatura siliconica per alte temperature resistente fino a 550 °C - Colore standard grigio antracite 6309 con fondo sabbiato. Diametro canna fumaria: 300 mm - Altezza minima richiesta della canna fumaria: 4 mt - Superficie minima per presa d'aria esterna: 400 cm2 - Diametro esterno della cappa: 900 mm - Diametro basamento: 1400 mm - Diametro del focolare: 900 mm- Rivestimento in marmo botticino con forma standard - Peso della cappa: 75 kg - Peso canna fumaria per metro lineare: 15 kg/mt - Peso del basamento completo di rivestimento: 98 kg - Rosone standard per soffitti piani h 2700 - Valvola di regolazione del tiraggio - Cassetto cenere.

**OPTIONAL**

Vetro ceramicato tondo in due parti scorrevoli sul basamento - Rivestimento in marmo su richiesta del cliente - Kit piastra di fissaggio completa di rosone per soffitti piani ed inclinati (su richiesta specifica del cliente) - Canna fumaria supplementare (in millimetri lineari), su misura completa di viti.

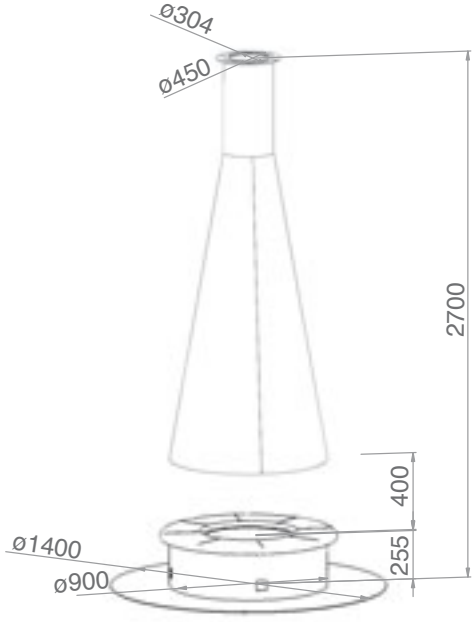
***STANDARD TECHNICAL FEATURES***

*Finished in pickled steel - Silicone painting for high temperature, resistant up to 550°C - Color: standard charcoal grey 6309 with sandblasted primer - Diameter of chimney: 300 mm - Minimum required height of chimney: 4 m - Minimum area for external air intake: 400 cm2 - External diameter of hood: 900 mm - Diameter of base: 1400 mm - Diameter of hearth: 900 mm - Paneled in Botticino marble with standard shape - Weight of hood: 75 kg - Weight of chimney per linear meter: 15 kg/m - Weight of base complete with paneling: 98 kg - Standard rosette for flat ceilings h 2700 - Draft adjustment valve - Ash box.*

***OPTIONALS***

*Ceramic-finished round glass in two parts, sliding on the base - Paneling in marble at the request of the client - Fastening plate kit complete with rosette for flat and tilted ceilings (at the specific request of the client) - Extra chimney (in linear millimeters), to measure complete with screws.*

| **Tribal**fire | **codice** *code* *code* | **€** |
|---|---|---|
| **Modello standard** | | |
| colore grigio antracite 6309 | 90TFR01000 | 6.350,00 |
| marmo giallo d'istria | | |
| **Optional** | | |
| vetro ceramicato | OPT0020 | 2.640,00 |
| rivestimento in marmo a scelta | OPT0021 | da quantificare |
| rosone copriforo semplice | OPT0023 | 63,00 |
| raccordo speciale doppia parete areato per soffitti sensibili e/o inclinati con piastra di ancoraggio (su misura) | OPT0024 | 943,00 |
| canna fumaria supplementare (prezzo al metro) | OPT0025 | 197,00 |



# **Blaze**fire

**CARATTERISTICHE TECNICHE STANDARD**

Rivestimento in acciaio inox satinato - Supporto tubolare saldato per inserto a camino - Vetro colorato decorativo (bianco) - Plafoniera con due portalampade ceramicati per alte temperature completi di lampadine - Davanzale per bocca fuoco - Supporti struttura in acciaio avvitati - Peso: 80 kg.

**OPTIONAL**

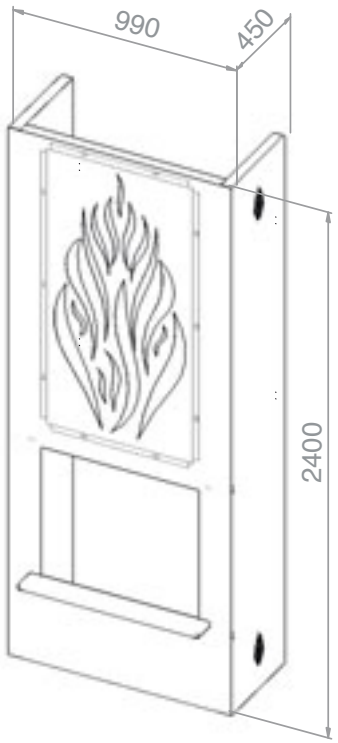
Vetro colorato, su richiesta anche sabbiato (giallo, rosso, blu, verde) - Apertura della bocca variabile, in base all'inserto da camino da installare - Modifiche al design frontale standard su richiesta - Inserto a camino standard.

***STANDARD TECHNICAL FEATURES***

*Finished in silked stainless steel - Welded tubular support for insert in fireplace - Decorative colored glass (white) - Canopy with two ceramicfinished lamp holders for high temperature complete with lamps Hearth sill - Supporting structure in steel with screws - Weight: 80 kg.*

***OPTIONALS***

*Colored glass, on request, also sandblasted (yellow, red, blue, green) Variable hearth opening, depending on the fireplace insert to install - Alterations to standard front design on request - Standard fireplace insert.*



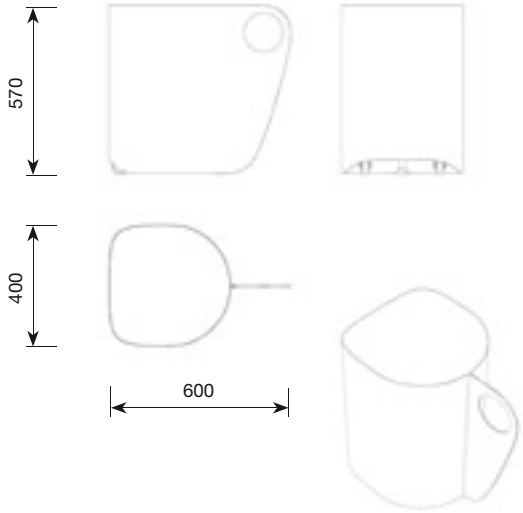

| **Blaze**fire | **codice** *code code* | € |
|---|---|---|
| **Modello standard** | 90BLZ01000 | 4.770,00 |
| vetro bianco sabbiato | | |
| **Optional** | | |
| dimensioni della finestratura su misura | OPT0026 | 75,00 |
| vetro colorato: - blu | OPT0027 | da quantificare |
| - giallo | OPT0028 | da quantificare |
| - rosso | OPT0029 | da quantificare |
| - verde | OPT0030 | da quantificare |
| sabbiatura del vetro | OPT0031 | 80,00 |
| disegno frontale personalizzato | OPT0033 | 205,00 |

# Portalegna/pellet CUP

*Basket CUP*

*Panier CUP*

HABITAT *design STUDIOVERDE*




| codice *code code* | € netto al rivend. | € al pubblico IVA esclusa |
|---|---|---|
| CUP000 | 160,00* | 199,00* |

*I prezzi dei Portalegna si intendono esclusi di accessori *The prices of Wood holders are meant without accessories* *Les prix des Porte bois sont consideres sans accessoires*

# Portalegna/pellet BOW

*Basket BOW*

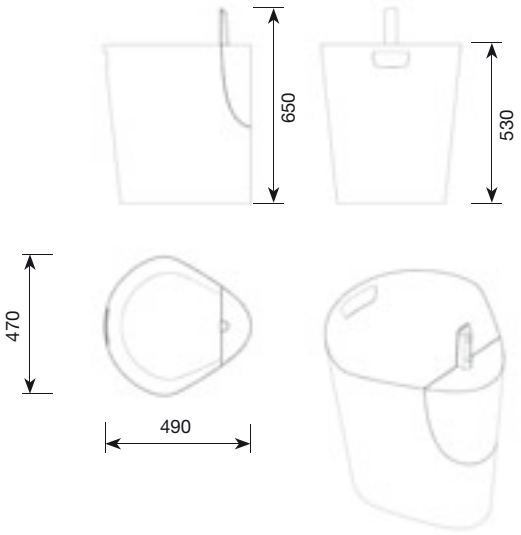
*Panier BOW*

HABITAT *design STUDIOVERDE*

BOW001

BOW002

BOW003




| codice *code code* | € netto al rivend. | € al pubblico IVA esclusa | colore |
|---|---|---|---|
| BOW001 | 170,00* | 212,00* | arancione |
| BOW002 | 170,00* | 212,00* | grigio |
| BOW003 | 170,00* | 212,00* | bianco |

*I prezzi dei Portalegna si intendono esclusi di accessori *The prices of Wood holders are meant without accessories* *Les prix des Porte bois sont consideres sans accessoires*

# Portalegna/pellet HAT

*Basket HAT*

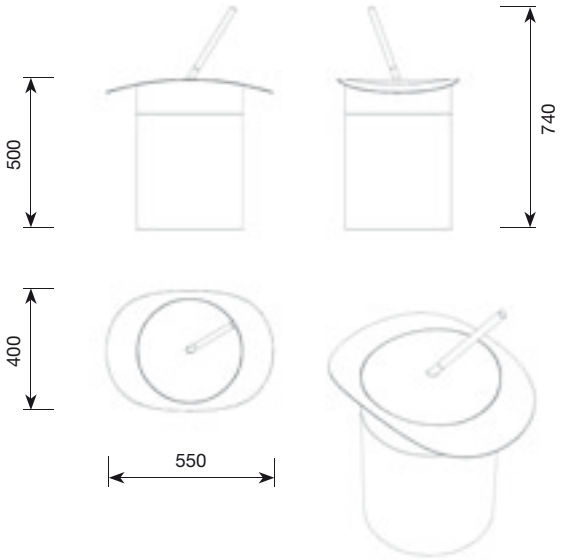
*Panier HAT*

HABITAT *design STUDIOVERDE*

HAT001

HAT002

HAT003




| codice<br>*code*<br>*code* | €<br>netto al rivend. | €<br>al pubblico IVA esclusa | colore |
|---|---|---|---|
| HAT001 | 149,00* | 187,00* | arancione |
| HAT002 | 149,00* | 187,00* | grigio |
| HAT003 | 149,00* | 187,00* | bianco |

*I prezzi dei Portalegna si intendono esclusi di accessori *The prices of Wood holders are meant without accessories* *Les prix des Porte bois sont consideres sans accessoires*

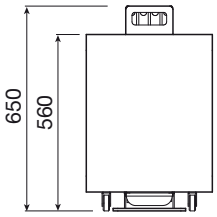
# Portalegna NOÉ
*Log Basket NOÉ*
*Panier à bûches NOÉ*

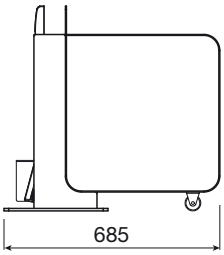
HABITAT *design STUDIOVERDE*

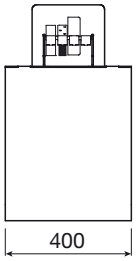
NOÉ001

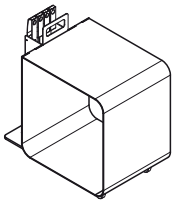
NOÉ002

NOÉ003



| codice *code code* | € netto al rivend. | € al pubblico IVA esclusa | colore |
|---|---|---|---|
| NOÉ001 | 198,00* | 258,00* | arancione |
| NOÉ002 | 198,00* | 258,00* | grigio |
| NOÉ003 | 198,00* | 258,00* | bianco |

## NOÉACC

## Set Accessori NOÉ
*Set of Accessories NOÉ*
*Set d'Accessoires NOÉ*

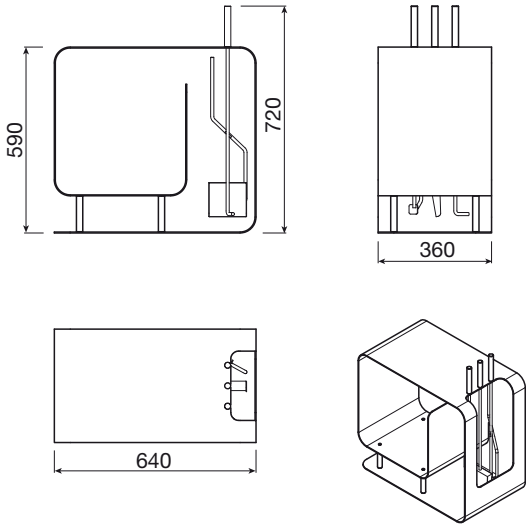
| codice *code code* | € netto al rivend. | € al pubblico IVA esclusa |
|---|---|---|
| NOÉACC | 61,00 | 79,00 |

*I prezzi dei Portalegna si intendono esclusi di accessori *The prices of Wood holders are meant without accessories* *Les prix des Porte bois sont consideres sans accessoires*

## LEO

# Portalegna LEO
*Log Basket LEO*
*Panier à bûches LEO*

HABITAT *design STUDIOVERDE*




| codice<br>*code*<br>*code* | €<br>netto al rivend. | €<br>al pubblico IVA esclusa |
|---|---|---|
| LE0000 | 167,00* | 217,00* |

## LEOACC

# Set Accessori LEO
*Set of Accessories LEO*
*Set d'Accessoires LEO*

| codice<br>*code*<br>*code* | €<br>netto al rivend. | €<br>al pubblico IVA esclusa |
|---|---|---|
| LEOACC | 69,00 | 90,00 |



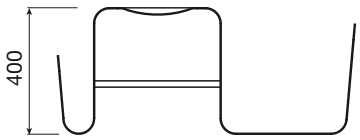
*I prezzi dei Portalegna si intendono esclusi di accessori *The prices of Wood holders are meant without accessories* *Les prix des Porte bois sont consideres sans accessoires*

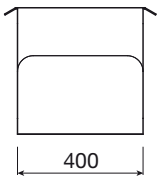
# Portalegna TEO

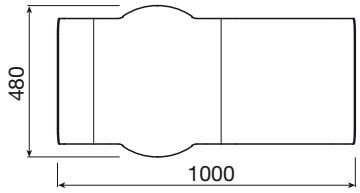
*Log Basket TEO*

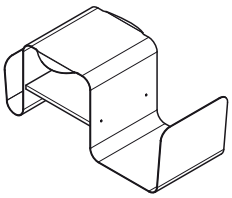
*Panier à bûches TEO*

HABITAT *design STUDIOVERDE*



| codice<br>*code*<br>*code* | €<br>netto al rivend. | €<br>al pubblico IVA esclusa |
|---|---|---|
| TE0000 | 132,00 | 172,00 |

*I prezzi dei Portalegna si intendono esclusi di accessori *The prices of Wood holders are meant without accessories* *Les prix des Porte bois sont consideres sans accessoires*

# Portalegna EDO

*Log Bin EDO*

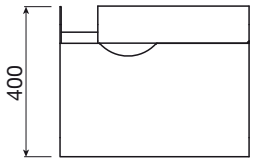
*Coffre porte-bûches EDO*

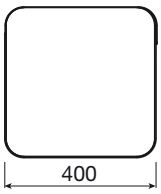
HABITAT *design STUDIOVERDE*

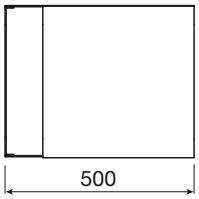
ED0001

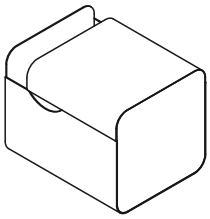
ED0002

ED0003



| codice<br>*code*<br>*code* | €<br>netto al rivend. | €<br>al pubblico IVA esclusa | colore |
|---|---|---|---|
| ED0001 | 129,00 | 167,00 | arancione |
| ED0002 | 129,00 | 167,00 | grigio |
| ED0003 | 129,00 | 167,00 | bianco |

# Portalegna/pellet IVO

*Basket IVO*

*Panier IVO*

HABITAT *design STUDIOVERDE*

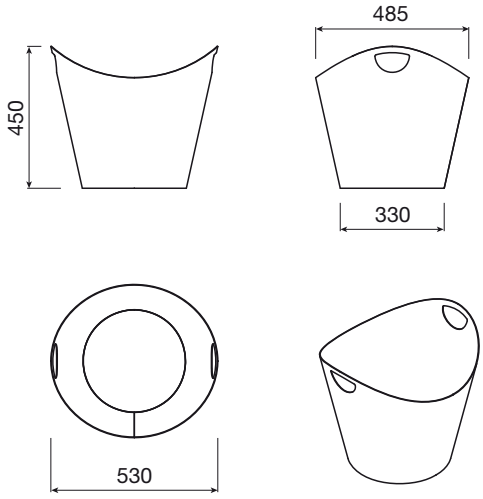
IVO0001

IVO0002

IVO0003

IVO0004

IVO0005




| codice<br>*code*<br>*code* | € netto al rivend. | € al pubblico IVA esclusa | colore |
|---|---|---|---|
| IV0001 | 116,00 | 150,00 | arancione |
| IV0002 | 116,00 | 150,00 | grigio |
| IV0003 | 116,00 | 150,00 | bianco |
| IV0004 | 116,00 | 150,00 | verde |
| IV0005 | 116,00 | 150,00 | beige |

# Portalegna/pellet GIÒ

*Basket GIÒ*

*Panier GIÒ*

HABITAT *design STUDIOVERDE*

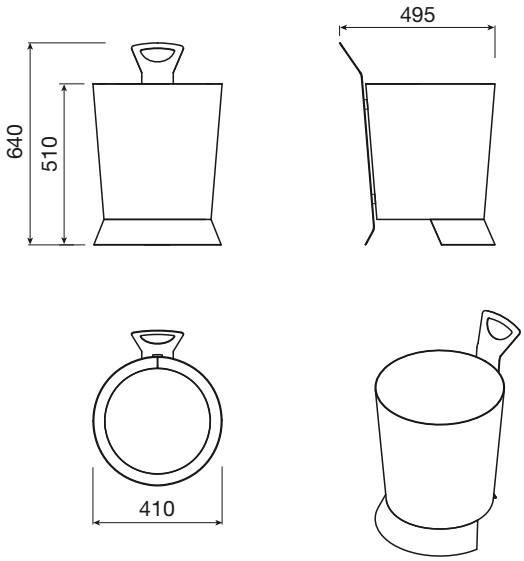
GIÒ0001

GIÒ0002

GIÒ0003

GIÒ0004

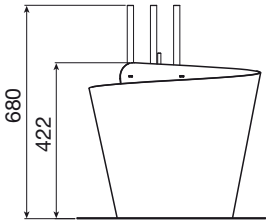
GIÒ0005

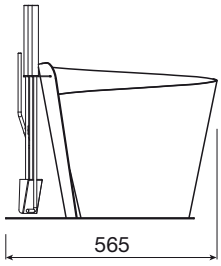


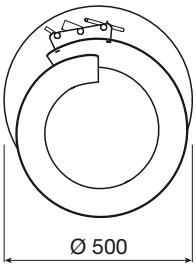

| codice *code code* | € netto al rivend. | € al pubblico IVA esclusa | colore |
|---|---|---|---|
| GIÒ0001 | 121,00 | 157,00 | arancione |
| GIÒ0002 | 121,00 | 157,00 | grigio |
| GIÒ0003 | 121,00 | 157,00 | bianco |
| GIÒ0004 | 121,00 | 157,00 | verde |
| GIÒ0005 | 121,00 | 157,00 | beige |

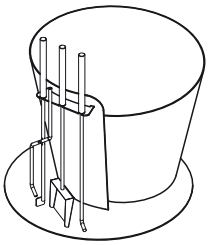
# Portalegna UGO
*Log Basket UGO*
*Panier à bûches UGO*

HABITAT *design STUDIOVERDE*



| codice *code code* | € netto al rivend. | € al pubblico IVA esclusa |
|---|---|---|
| UGO000 | 146,00* | 190,00* |

## UGOACC

## Set Accessori UGO
*Set of Accessories UGO*
*Set d'Accessoires UGO*

| codice *code code* | € netto al rivend. | € al pubblico IVA esclusa |
|---|---|---|
| UGOACC | 81,00 | 106,00 |

## ESP1/2

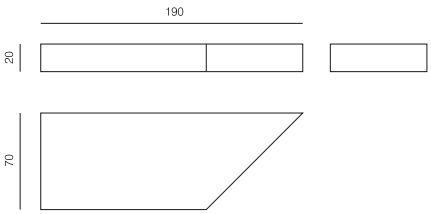
# Pedane espositive per i punti vendita

*Exhibition boards for points of sale*

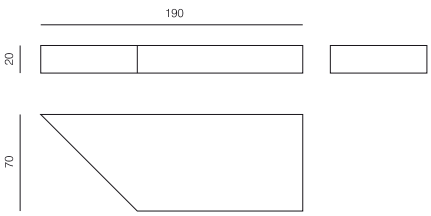
*Estrades d'exposition pour les points de vente*

| codice<br>*code*<br>*code* | €<br>netto unitario<br>*unitary net price*<br>*prix net unitaire* |
|---|---|
| ESP1 | 115,00 |
| ESP2 | 115,00 |

ESP1

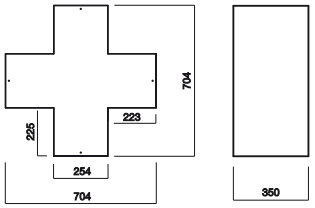


ESP2



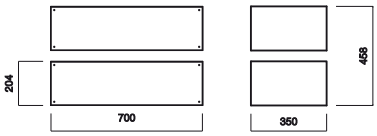
## PMPIUXXX

### Portalegna PIÙ
*Wood holder PLUS*
*Porte-bois PLUS*



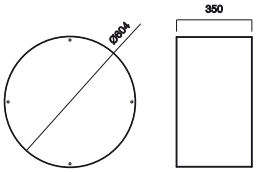

## PMUGUALE

### Portalegna UGUALE
*Wood holder EQUAL*
*Porte-bois EGAL*



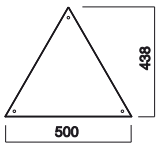

## PMD600XX

### Portalegna CERCHIO
*Wood holder CIRCLE*
*Porte-bois CERCLE*



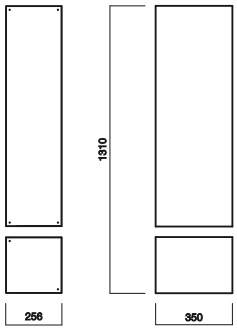

## PMTRI1XX

### Portalegna TRIANGOLO
*Wood holder TRIANGLE*
*Porte-bois TRIANGLE*



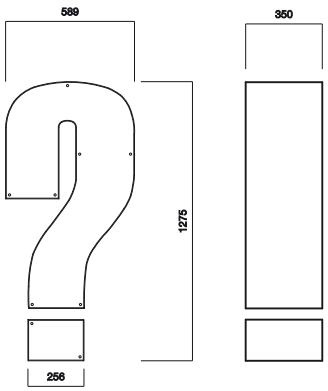

## PMPUNTO!

### Portalegna PUNTO ESCLAMATIVO
*Wood holder EXCLAMATION MARK*
*Porte-bois POINT D'EXCLAMATION*




## PMPUNTO?

### Portalegna PUNTO INTERROGATIVO
*Wood holder QUESTION MARK*
*Porte-bois POINT D'INTERROGATION*




| codice<br>*code*<br>*code* | € netto al rivend. | € al pubblico IVA esclusa | | Kg |
|---|---|---|---|---|
| PMPIUXXX | 149,00 | 194,00 | 1 | 34 |
| PMD600XX | 133,00 | 173,00 | 1 | 25 |
| PMPUNTO! | 149,00 | 194,00 | 1 | 39 |

| codice<br>*code*<br>*code* | € netto al rivend. | € al pubblico IVA esclusa | | Kg |
|---|---|---|---|---|
| PMUGUALE | 162,00 | 210,00 | 1 | 40 |
| PMPUNTO? | 492,00 | 640,00 | 1 | 53 |
| PMTRI1XX | 124,00 | 161,00 | 1 | 17 |

# modello VENERE

*Venere model*

*Modèle Venere*

Questo oggetto è stato studiato principalmente per la legna con lunghezza massima di 33 cm; è dotato di manico in acciaio inox satinato e involucro in acciaio di spessore 3 mm. Le ruote posteriori hanno diametro di 150 mm e quelle anteriori sono girevoli facilitando dunque la manegevolezza e la praticità di movimento: le quattro ruote sono in gomma grigia, il che consente di passare anche su superfici delicate senza danneggiare o strisciare. VENERE ha anche un vano posto nella parte inferiore, adatto per raccogliere accendifuoco, palette, fiammiferi o altri accessori per il fuoco. La verniciatura è a polveri colore nero opaco.

*This carriage has been designed mainly for wood pieces which are maximum 33 cm long ; it is equipped with a satinized stainless steel handle and a steel body 3 mm thick. The rear wheels have 150 mm diameter. The revolving front wheels permit the manageability and practicalness of movements. All four wheels are made of grey rubber that allows to pass also on delicate floors without damaging or scraping them. Venere has also a lower opening which is useful to place fire lighters, small coal-shovels, matches and other accessories. It is powder coated in opaque black colour.*

*Ce chariot a été étudié surtout pour le bois avec longueur 33 cm au maximum ; il a une poignée en acier inox satiné et le corps en acier avec épaisseur 3 mm. Les roues postérieures ont diamètre 150 mm et celles antérieures sont tournants, en facilitant donc la maniabilité et la pratique de mouvement. Les roues chouchoutées grises permettent de déplacer le chariot aussi sur sols délicats sans les ruiner ou égratigner. Dans la partie inférieure, Venere est doué d'une baie qui a la fonction de tenir l' allume-feu, les palettes, les allumettes et des autres accessoires pour le feu. Le vernissage est à poudre, couleur noire opaque.*

| **codice**<br>*code*<br>*code* | **modello**<br>*model*<br>*modèle* | **€** | **h** | **l** | **p** |
|---|---|---|---|---|---|
| VENERENE | ***Colore nero*** *Black colour Couleur noire* | 254,00 | 850 | 420 | 340 |

## modello ULISSE

*Ulisse model*

*Modèle Ulisse*

Questo oggetto è stato studiato principalmente per la legna con lunghezza massima di 50 cm; è dotato di manico in acciaio inox satinato e involucro in acciaio di spessore 3 mm. Le ruote posteriori hanno diametro di 150 mm e quelle anteriori sono girevoli facilitando dunque la manegevolezza e la praticità di movimento: le quattro ruote sono in gomma grigia, il che consente di passare anche su superfici delicate senza danneggiare o strisciare. Si distingue per l'enorme capacità di carico e la facilità del suo trasporto La verniciatura è a polveri colore nero opaco.

*This carriage has been designed mainly for wood pieces which are maximum 50 cm long; it is equipped with a satinized stainless steel handle and a steel body 3 mm thick. The rear wheels have a 150 mm diameter. The revolving front wheels permit the manageability and practicalness of movements. All four wheels are made of grey rubber that allows to pass also on delicate floors without damaging or scraping them. Ulisse distinguishes itself for the big load capacity and its easy transport. It is powder coated in opaque black colour.*

*Ce chariot a été étudié surtout pour le bois avec longueur 50 cm au maximum ; il a une poignée en acier inox satiné et le corps en acier avec épaisseur 3 mm. Les roues postérieures ont diamètre 150 mm et celles antérieures sont tournants, en facilitant donc la maniabilité et la pratique de mouvement. Les roues caoutchoutées grises permettent de déplacer le chariot aussi sur sols délicats sans les ruiner ou égratigner. Il se distingue pour la capacité remarquable de charge et la facilité de son transport. Le vernissage est à poudre, couleur noire opaque.*

| **codice**<br>*code*<br>*code* | **modello**<br>*model*<br>*modèle* | **€** | **h** | **l** | **p** |
|---|---|---|---|---|---|
| ULISSENE | ***Colore nero*** *Black colour Couleur noire* | 281,00 | 850 | 450 | 500 |

## Ordini on line

*On line orders*
*Commandes on line*

Da oggi potete effettuare gli ordini direttamente dal nostro sito www.apros.it
*From today you can place orders directly in our web site www.apros.it*
*D'aujourd'hui vous pouvez effectuer les commandes directement dedans notre site Internet www.apros.it*

# CONDIZIONI GENERALI DI VENDITA

I prezzi del presente listino sono da considerarsi franco partenza

Trasporto:

| | | CORRIERE ESPRESSO (resa in 24/48 h) |
|---|---|---|
| TERRITORIO NAZIONALE | per importi inferiori a € 375 | 15 € |
| | per importi superiori | 4% |
| ISOLE | per importi inferiori a € 375 | 18 € |
| | per importi superiori | 5% |

| | | consegna tassativa |
|---|---|---|
| TERRITORIO NAZIONALE | per importi inferiori a € 500 | 30 € |
| | per importi superiori | 6% |
| ISOLE | per importi inferiori a € 500 | 40 € |
| | per importi superiori | 8% |

La merce viaggia a rischio e pericolo del committente, anche se spedita franco destino

Eventuali contestazioni su ammacchi, rotture o mancanze,
saranno accettate esclusivamente se rilevate al ricevimento della merce
tramite annotazione sulla bolla di consegna.

Motivazioni diverse dal punto precedente saranno prese in considerazione
solo se segnalate per iscritto entro e non oltre otto giorni dal ricevimento della merce.

I pagamenti dovranno essere effettuati presso il nostro domicilio entro il termine stabilito.
Il mancato rispetto degli stessi provocherà l'addebito degli interessi di mora,
al tasso corrente più le spese. Si ricorda inoltre che per ordini inferiori a € 300
il pagamento sarà effettuato con rimessa diretta o Riba a 30 gg FM.

Per i pagamenti in contrassegno addebito fisso di € 10,00

Non saranno applicati sconti ai prezzi netti.

In caso di controversie il Foro competente è quello di Padova.

I prezzi esposti sul presente listino sono unitari e al netto di I.V.A.
e annullano quelli precedenti con decorrenza dal 01.04.2013

**Le condizioni di vendita sono valide solo ed esclusivamente per il territorio nazionale**
**Sale conditions valid only for the Italian market**
**Conditions de vente valides seulement pour le marché italien**

Catalogo Generale 04/2013
STUDIOVERDE

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**info@apros.it – www.apros.it**